Available online at www.sciencedirect.com
SCIENCE DIRECT®
Nuclear Instruments and Methods in Physics Research A 556 (2006) 647–663
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A
www.elsevier.com/locate/nima

Author index

Abdel-Bary, M., see Abdel-Samad, S. 556 (2005) 20
Abdel-Samad, S., M. Abdel-Bary, K. Kilian and J. Ritman, Cryogenic target with very thin "gold finger" heat pipe 556 (2005) 20
Ackermann, M., J. Ahrens, X. Bai, M. Bartelt, S.W. Barwick, R. Bay, T. Becka, J.K. Becker, K.-H. Becker, E. Bernardini, D. Bertrand, D.J. Boersma, S. Böser, O. Botner, A. Bouchta, O. Bouhali, J. Braun, C. Burgess, T. Burgess, T. Castermans, W. Chinowsky, D. Chirkin, J. Conrad, J. Cooley, D.F. Cowen, A. Davour, C. De Clercq, T. DeYoung, P. Desiati, P. Ekström, T. Feser, M. Gaug, T.K. Gaisser, R. Ganugapati, H. Geenen, L. Gerhardt, A. Goldschmidt, A. Groß, A. Hallgren, F. Halzen, K. Hanson, R. Hardtke, T. Harenberg, T. Hauschildt, K. Helbing, M. Hellwig, P. Herquet, G.C. Hill, D. Hubert, B. Hughey, P.O. Hulth, K. Hultqvist, S. Hundertmark, J. Jacobsen, K.H. Kampert, A. Karle, J.L. Kelley, M. Kestel, G. Kohnen, L. Köpke, M. Kowalski, M. Krasberg, K. Kuehn, H. Leich, M. Leuthold, I. Liubarsky, J. Ludvig, J. Lundberg, J. Madsen, P. Marciniewski, H.S. Matis, C.P. McParland, T. Messarius, Y. Minaeva, P. Miočinović, R. Morse, K.S. Münich, R. Nahnhauer, J. Nam, T. Neunhöffer, P. Niessen, D.R. Nygren, H. Ögelman, Ph. Olbrechts, C. Pérez de los Heros, A.C. Pohl, R. Porrata, P.B. Price, G.T. Przybylski, K. Rawlins, E. Resconi, W. Rhode, M. Ribordy, S. Richter, S. Robbins, J. Rodríguez Martino, H.-G. Sander, S. Schlenstedt, D. Schneider, R. Schwarz, A. Silvestri, M. Solarz, J. Sopher, G.M. Spiczak, C. Spiering, M. Stamatikos, D. Steele, P. Steffen, R.G. Stokstad, K.-H. Sulanke, I. Taboada, L. Thollander, S. Tilav, W. Wagner, C. Walck, M. Walter, Y.-R. Wang, C. Wendt, C.H. Wiebusch, R. Wischnewski, H. Wissing, K. Woschnagg and G. Yodh, The IceCube prototype string in Amanda 556 (2005) 169
Adamson, P., G. Crone, L. Jenner, R. Nichol, R. Saakyan, C. Smith, J. Thomas, M. Kordosky, K. Lang, P. Vahle, A. Belias, T. Nicholls, G. Pearce, D. Petyt, M. Barker, A. Cabrera, J. Hartnell, P.S. Miyagawa, N. Tagg, A. Weber, E.F. Harris, P.G. Harris, R. Morse, P. Symes, D. Michael, P.J. Litchfield, R. Lee and S. Boyd, The MINOS calibration detector 556 (2005) 119
Adriani, O., see Straulino, S. 556 (2005) 100
Aguiló, E., M. Calvo, O. Deschamps, Ll. Garrido, C. González, R. Graciani, E. Graugés, P. Perret and X. Vilasis, Pulseshape simulations for the SPD subdetector of LHCb 556 (2005) 87
Ahrens, J., see Ackermann, M. 556 (2005) 169
Akhal, T., see Alghem, L. 556 (2005) 386
Akimoto, T., M. Aoki, P. Azzi, N. Bacchetta, S. Behari, D. Benjamin, D. Bisello, G. Bolla, D. Bortoletto, A. Burghard, G. Busetto, S. Cabrera, A. Canepa, G. Cardoso, M. Chertok, C.I. Ciobanu, G. Derylo, I. Fang, E.J. Feng, J.P. Fernandez, B. Flaugher, J. Freeman, L. Galtieri, J. Galyardt, M. Garcia-Sciveres, G. Giurgiu, I. Gorelov, C. Haber, D. Hale, K. Hara, R. Harr, C. Hill, M. Hoeferkamp, J. Hoff, B. Holbrook, S.C. Hong, M. Hrycyk, T.H. Hsiung, J. Incandela, E.J. Jeon, K.K. Joo, T. Junk, H. Kahkola, S. Karjalainen, S. Kim, K. Kobayashi, D.J. Kong, B. Krieger, M. Kruse, N. Kuznetsova, S. Kyre, R. Lander, T. Landry, R. Lauhakangas, J. Lee, R.-S. Lu, P. Lujan, P. Lukens, E. Mandelli, C. Manea, P. Maksimovic, P. Merkel, S.N. Min, S. Moccia, I. Nakano, D. Naoumov, T. Nelson, B. Nord, J. Novak, T. Okusawa, R. Orava, Y. Orlov, K. Osterberg, D. Pantano, V. Pavlicek, D. Pellett, J. Pursley, P. Riipinen, B. Schuyler, S. Seidel, A. Shenai, A. Soha, D. Stuart, R. Tanaka, M. Tavi, H. Von der Lippe, J.-P. Walder, Z. Wang, P. Watje, M. Weber, W. Wester, K. Yamamoto, Y.C. Yang, W. Yao, W. Yao, R. Yarema, J.C. Yun, F. Zetti, T. Zimmerman, S. Zimmermann and S. Zucchelli, The CDF Run IIb Silicon Detector: Design, preproduction, and performance 556 (2005) 459
Albers, D., see Rohdjeß, H. 556 (2005) 57
Alghem, L., M. Ramdhane, S. Khaled and T. Akhal, The development and application of k_0-standardization method of neutron activation analysis at Es-Salam research reactor 556 (2005) 386
AlMahamid, I., see Marie, F. 556 (2005) 547
Amako, K., see Toshito, T. 556 (2005) 482
Ancharov, A.I., V.B. Baryshev, V.A. Chernov, A.N. Gentselev, B.G. Goldenberg, D.I. Kochubei, V.N. Korchuganov, G.N. Kulipanov, M.V. Kuzin, E.B. Levichev, N.A. Mezentsev, S.I. Mishnev, A.D. Nikolenko, V.E. Panchenko, V.F. Pindyurin, M.A. Sheromov, B.P. Tolochko, M.R. Sharafutdinov, A.N. Shmakov, N.A. Vinokurov, P.D. Vobly and K.V. Zolotarev, Erratum to: "Status of the Siberian Synchrotron Radiation Center" [Nucl. Instr. and Meth. A 543 (2005) 1] 556 (2005) 645
Ankowski, A., M. Antonello, P. Aprili, F. Arneodo, A. Badertscher, B. Baiboussinov, M.B. Ceolin, G. Battistoni, P. Benetti, M. Bischofberger, A.B. di Tigliole, R. Brunetti, G. Bucciarelli, A. Bueno, E. Calligarich, F. Carbonara, M.C. Carmona, F. Cavanna, P. Cennini, S. Centro, A. Cesana, D.B. Cline, K. Cieślik, A.G. Cocco, Z. Dai, C. De Vecchi, A. Dąbrowska, A. Di Cicco, R. Dolfini, A. Ereditato, A. Ferella, A. Ferrari, G. Fiorillo, D. García-Gamez, Y. Ge, D. Gibin, A.G. Berzolari, I. Gil-Botella, K. Graczyk, L. Grandi, A. Guglielmi, J. Holeczek, C. Juszczak, D. Kiełczewska, J. Kisiel, T. Kozłowski, M. Laffranchi, J. Łagoda, B. Lisowski, J. Lozano, M. Markiewicz, A.M. de la Ossa, C. Matthey, F. Mauri, A.J. Melgarejo, A. Menegolli, G. Meng, M. Messina, C. Montanari, S. Muraro, S. Navas-Concha, J. Nowak, S. Otwinowski, O. Palamara, L. Periale, G. Piano Mortari, A. Piazzoli, P. Picchi, F. Pietropaolo, W. Półchłopek, M. Prata, M.C. Prata, P. Przewlocki, A. Rappoldi, G.L. Raselli, E. Rondio, M. Rossella, A. Rubbia, C. Rubbia, P.R. Sala, R. Santorelli, D. Scannicchio, E. Segreto, Y. Seo, F. Sergiampietri, J. Sobczyk,

doi:10.1016/S0168-9002(05)02451-4

S. Stach, J. Stepaniak, R. Sulej, M. Szeptycka, M. Szarska, A. Szelc, M. Terrani, F. Varanini, S. Ventura, C. Vignoli, H. Wang, X. Yang and A. Zalewska, Characterization of ETL 9357FLA photomultiplier tubes for cryogenic temperature applications . 556 (2005) 146
Antonello, M., see Ankowski, A. . 556 (2005) 146
Aoki, M., see Akimoto, T. . 556 (2005) 459
Aoki, S., see Toshito, T. . 556 (2005) 482
Aprile, E., P. Cushman, K. Ni and P. Shagin, Detection of liquid xenon scintillation light with a silicon photomultiplier . 556 (2005) 215
Aprili, P., see Ankowski, A. . 556 (2005) 146
Ariga, A., see Nakamura, T. . 556 (2005) 80
Arneodo, F., see Ankowski, A. . 556 (2005) 146
Aryaeinejad, R., see Spencer, D.F. . 556 (2005) 291
Aryaeinejad, R., see Scates, W. . 556 (2005) 498
Asai, M., see Toshito, T. . 556 (2005) 482
Azzi, P., see Akimoto, T. . 556 (2005) 459

Bacchetta, N., see Akimoto, T. . 556 (2005) 459
Badertscher, A., see Ankowski, A. . 556 (2005) 146
Bai, X., see Ackermann, M. . 556 (2005) 169
Baiboussinov, B., see Ankowski, A. . 556 (2005) 146
Ban, J., H. Brettel, W.D. Cwienk, J. Fent, L. Kurchaninov, E. Ladygin, H. Oberlack, P. Schacht, H. Stenzel and P. Strizenec, Cold electronics for the liquid argon hadronic end-cap calorimeter of ATLAS . 556 (2005) 158
Ban, T., see Nakamura, T. . 556 (2005) 80
Ban, T., see Toshito, T. . 556 (2005) 482
Bardelli, L., see Moroni, A. . 556 (2005) 516
Barker, M., see Adamson, P. . 556 (2005) 119
Barlini, S., see Moroni, A. . 556 (2005) 516
Bartelt, M., see Ackermann, M. . 556 (2005) 169
Barwick, S.W., see Ackermann, M. . 556 (2005) 169
Baryshev, V.B., see Ancharov, A.I. . 556 (2005) 645
Basu, P., see Sarkar, M.S. . 556 (2005) 266
Batarin, V.A., J. Butler, A.M. Davidenko, A.A. Derevschikov, Y.M. Goncharenko, V.N. Grishin, V.A. Kachanov, V.Y. Khodyrev, A.S. Konstantinov, V.A. Kormilitsin, V.I. Kravtsov, Y. Kubota, V.S. Lukanin, Y.A. Matulenko, Y.M. Melnick, A.P. Meschanin, N.E. Mikhalin, N.G. Minaev, V.V. Mochalov, D.A. Morozov, L.V. Nogach, A.V. Ryazantsev, P.A. Semenov, V.K. Semenov, K.E. Shestermanov, L.F. Soloviev, S. Stone, A.V. Uzunian, A.N. Vasiliev, A.E. Yakutin and J. Yarba, Design and performance of LED calibration system prototype for the lead tungstate crystal calorimeter . 556 (2005) 94
Battaglieri, M., see Sharabian, Y.G. . 556 (2005) 246
Battistoni, G., see Ankowski, A. . 556 (2005) 146
Bay, R., see Ackermann, M. . 556 (2005) 169
Becka, T., see Ackermann, M. . 556 (2005) 169
Becker, J.K., see Ackermann, M. . 556 (2005) 169
Becker, K.-H., see Ackermann, M. . 556 (2005) 169
Becker, U., B. Tamm and S. Hertel, Test and evaluation of new GEMs with an automatic scanner . 556 (2005) 527
Beer, G., see Ishiwatari, T. . 556 (2005) 509
Behari, S., see Akimoto, T. . 556 (2005) 459
Belias, A., see Adamson, P. . 556 (2005) 119
Belloni, F., D. Doria, A. Lorusso and V. Nassisi, Novel pulse amplifying circuits based on transmission lines of different characteristic impedance . 556 (2005) 296
Bellunato, T., M. Calvi, C.F. Da Silva Costa, C. Matteuzzi, M. Musy and D.L. Perego, Refractive index inhomogeneity within an aerogel block . 556 (2005) 140
Benetti, P., see Ankowski, A. . 556 (2005) 146
Benjamin, D., see Akimoto, T. . 556 (2005) 459
Bergmann, U.C., R. Chawla, F. Jatuff and M.F. Murphy, Optimised non-invasive method to determine ^{238}U-captures-to-total-fissions in reactor fuel . 556 (2005) 331
Bernardini, E., see Ackermann, M. . 556 (2005) 169
Berndt, R., see Mortreau, P. . 556 (2005) 219
Bertolini, A., R. DeSalvo, F. Fidecaro, M. Francesconi, S. Marka, V. Sannibale, D. Simonetti, A. Takamori and H. Tariq, Mechanical design of a single-axis monolithic accelerometer for advanced seismic attenuation systems . 556 (2005) 616
Barton, C.J., see Fritioff, T. . 556 (2005) 31
Bertrand, D., see Ackermann, M. . 556 (2005) 169
Berzolari, A.G., see Ankowski, A. . 556 (2005) 146
Bhattacharya, S., see Sarkar, M.S. . 556 (2005) 266
Bischofberger, M., see Ankowski, A. . 556 (2005) 146
Bisello, D., see Akimoto, T. . 556 (2005) 459
Bisplinghoff, J., see Rohdjeß, H. . 556 (2005) 57
Block, M.M., Sifting data in the real world . 556 (2005) 308
Boersma, D.J., see Ackermann, M. . 556 (2005) 169
Bolla, G., see Akimoto, T. . 556 (2005) 459

Bollmann, R., see Rohdjeß, H. . . . 556 (2005) 57
Bondar, A., A. Buzulutskov, A. Grebenuk, D. Pavlyuchenko, R. Snopkov and Y. Tikhonov, Two-phase argon and xenon avalanche detectors based on Gas Electron Multipliers . . . 556 (2005) 273
Bondar, A., A. Buzulutskov, R. de Oliveira, L. Ropelewski, F. Sauli and L. Shekhtman, Light multi-GEM detector for high-resolution tracking systems . . . 556 (2005) 495
Bonechi, L., see Straulino, S. . . . 556 (2005) 100
Bongi, M., see Straulino, S. . . . 556 (2005) 100
Bortoletto, D., see Akimoto, T. . . . 556 (2005) 459
Böser, S., see Ackermann, M. . . . 556 (2005) 169
Botner, O., see Ackermann, M. . . . 556 (2005) 169
Bottai, S., see Straulino, S. . . . 556 (2005) 100
Bouchta, A., see Ackermann, M. . . . 556 (2005) 169
Bouhali, O., see Ackermann, M. . . . 556 (2005) 169
Boyd, S., see Adamson, P. . . . 556 (2005) 119
Bragadireanu, A.M., see Ishiwatari, T. . . . 556 (2005) 509
Brambilla, S., see Moroni, A. . . . 556 (2005) 516
Braun, J., see Ackermann, M. . . . 556 (2005) 169
Brettel, H., see Ban, J. . . . 556 (2005) 158
Breuer, H., see Iodice, M. . . . 556 (2005) 644
Brudanin, V.B., see Danevich, F.A. . . . 556 (2005) 259
Brunetti, R., see Ankowski, A. . . . 556 (2005) 146
Bruno, M., see Moroni, A. . . . 556 (2005) 516
Bucciarelli, G., see Ankowski, A. . . . 556 (2005) 146
Buda, M., see Pintilie, I. . . . 556 (2005) 197
Bueno, A., see Ankowski, A. . . . 556 (2005) 146
Burgess, C., see Ackermann, M. . . . 556 (2005) 169
Burgess, T., see Ackermann, M. . . . 556 (2005) 169
Burghard, A., see Akimoto, T. . . . 556 (2005) 459
Burkert, V.D., see Sharabian, Y.G. . . . 556 (2005) 246
Busetto, G., see Akimoto, T. . . . 556 (2005) 459
Büßer, K., see Rohdjeß, H. . . . 556 (2005) 57
Butler, J., see Batarin, V.A. . . . 556 (2005) 94
Buzulutskov, A., see Bondar, A. . . . 556 (2005) 273
Buzulutskov, A., see Bondar, A. . . . 556 (2005) 495
Bychkov, V.N., N. Dedek, W. Dünnweber, M. Faessler, H. Fischer, J. Franz, R. Geyer, Yu.V. Gousakov, A. Grünemaier, F.H. Heinsius, C. Ilgner, I.M. Ivanchenko, G.D. Kekelidze, K. Königsmann, V.V. Livinski, V.M. Lysan, J. Marzec, D.A. Matveev, S.V. Mishin, V.V. Mialkovski, E.A. Novikov, V.D. Peshekhonov, K. Platzer, M. Sans, Th. Schmidt, V.I. Shokin, A.N. Sissakian, K.S. Viriasov, U. Wiedner, K. Zaremba, I.A. Zhukov, Yu.L. Zlobin and A. Zvyagin, The large size straw drift chambers of the COMPASS experiment . . . 556 (2005) 66

Cabrera, A., see Adamson, P. . . . 556 (2005) 119
Cabrera, S., see Akimoto, T. . . . 556 (2005) 459
Calligarich, E., see Ankowski, A. . . . 556 (2005) 146
Calvi, M., see Bellunato, T. . . . 556 (2005) 140
Calvo, M., see Aguiló, E. . . . 556 (2005) 87
Canepa, A., see Akimoto, T. . . . 556 (2005) 459
Carbonara, F., see Ankowski, A. . . . 556 (2005) 146
Cardoso, G., see Akimoto, T. . . . 556 (2005) 459
Cargnelli, M., see Ishiwatari, T. . . . 556 (2005) 509
Carmona, M.C., see Ankowski, A. . . . 556 (2005) 146
Casini, G., see Moroni, A. . . . 556 (2005) 516
Castellini, G., see Straulino, S. . . . 556 (2005) 100
Castermans, T., see Ackermann, M. . . . 556 (2005) 169
Cavaletti, R., see Moroni, A. . . . 556 (2005) 516
Cavanna, F., see Ankowski, A. . . . 556 (2005) 146
Cederkäll, J., see Fritioff, T. . . . 556 (2005) 31
Cencelli, V.O., see D'Ambrosio, C. . . . 556 (2005) 187
Cennini, P., see Ankowski, A. . . . 556 (2005) 146
Centro, S., see Ankowski, A. . . . 556 (2005) 146
Ceolin, M.B., see Ankowski, A. . . . 556 (2005) 146
Cesana, A., see Ankowski, A. . . . 556 (2005) 146
Chang, C.-H., see Hwang, C.-S. . . . 556 (2005) 607
Chang, H.-P., see Hwang, C.-S. . . . 556 (2005) 607
Chapman, M.A., see Wise, T. . . . 556 (2005) 1
Chawla, R., see Bergmann, U.C. . . . 556 (2005) 331

Cheever, D., E. Ihloff, J. Kelsey, H. Kolster, N. Meitanis, R. Milner, A. Shinozaki, E. Tsentalovich, T. Zwart, V. Ziskin, Y. Xiao and C. Zhang, A highly polarized hydrogen/deuterium internal gas target embedded in a toroidal magnetic spectrometer 556 (2005) 410
Chefdeville, M., P. Colas, Y. Giomataris, H. van der Graaf, E.H.M. Heijne, S. van der Putten, C. Salm, J. Schmitz, S. Smits, J. Timmermans and J.L. Visschers, An electron-multiplying 'Micromegas' grid made in silicon wafer post-processing technology 556 (2005) 490
Chen, C.-T., see Hwang, C.-S. 556 (2005) 607
Chen, H.-H., see Hwang, C.-S. 556 (2005) 607
Chen, J., see Hwang, C.-S. 556 (2005) 607
Chen, J.-R., see Hwang, C.-S. 556 (2005) 607
Chen, Y., W.H. Huang and C.X. Tang, Conceptual design of the Cylindertron, a new electron accelerator 556 (2005) 38
Chernov, V.A., see Ancharov, A.I. 556 (2005) 645
Chertok, M., see Akimoto, T. 556 (2005) 459
Chiari, M., see Moroni, A. 556 (2005) 516
Chien, Y.-C., see Hwang, C.-S. 556 (2005) 607
Chinowsky, W., see Ackermann, M. 556 (2005) 169
Chirkin, D., see Ackermann, M. 556 (2005) 169
Chun, C., see Jamil, M. 556 (2005) 192
Cieślik, K., see Ankowski, A. 556 (2005) 146
Cimino, R., see Naletto, G. 556 (2005) 371
Ciobanu, C.I., see Akimoto, T. 556 (2005) 459
Cisbani, E., see Iodice, M. 556 (2005) 644
Cline, D.B., see Ankowski, A. 556 (2005) 146
Coan, T., see Hosack, M. 556 (2005) 115
Cocco, A.G., see Ankowski, A. 556 (2005) 146
Colas, P., see Chefdeville, M. 556 (2005) 490
Cole, J., see Spencer, D.F. 556 (2005) 291
Colilli, S., see Iodice, M. 556 (2005) 644
Commichau, S.C., see Lee, M.W. 556 (2005) 505
Connell, K.A. see Fritioff, T. 556 (2005) 31
Conrad, J., see Ackermann, M. 556 (2005) 169
Convery, M.R., P.C. Kim, H.P. Paar, C.H. Rogers, R.H. Schindler, S.K. Swain and C.C. Young, A novel technique for the production of large area *Z*-coordinate readout planes for the *BABAR* muon system 556 (2005) 134
Cooley, J., see Ackermann, M. 556 (2005) 169
Cortesi, A., see Moroni, A. 556 (2005) 516
Cowen, D.F., see Ackermann, M. 556 (2005) 169
Crone, G., see Adamson, P. 556 (2005) 119
Csonka, P.L., Radiation background and beam quality in secondary X-ray imaging for human angiography with Au as contrast agent 556 (2005) 589
Curceanu (Petrascu), C., see Ishiwatari, T. 556 (2005) 509
Cusanno, F., see Iodice, M. 556 (2005) 644
Cushman, P., see Aprile, E. 556 (2005) 215
Cwienk, W.D., see Ban, J. 556 (2005) 158
Czajkowska, B., see Droste, Ch. 556 (2005) 182
Czarski, T., K.T. Pozniak, R.S. Romaniuk and S. Simrock, TESLA cavity modeling and digital implementation in FPGA technology for control system development 556 (2005) 565

Dąbrowska, A., see Ankowski, A. 556 (2005) 146
D'Agostino, M., see Moroni, A. 556 (2005) 516
Dai, Z., see Ankowski, A. 556 (2005) 146
D'Ambrosio, C., F. de Notaristefani, G. Hull, V.O. Cencelli and R. Pani, Study of $LaCl_3$:Ce light yield proportionality with a hybrid photomultiplier tube 556 (2005) 187
Danevich, F.A., A.Sh. Georgadze, V.V. Kobychev, B.N. Kropivyansky, S.S. Nagorny, A.S. Nikolaiko, D.V. Poda, V.I. Tretyak, I.M. Vyshnevskyi, S.S. Yurchenko, B.V. Grinyov, L.L. Nagornaya, E.N. Pirogov, V.D. Ryzhikov, V.B. Brudanin, Ts. Vylov, A. Fedorov, M. Korzhik, A. Lobko and O. Missevitch, Application of $PbWO_4$ crystal scintillators in experiment to search for 2β decay of ^{116}Cd 556 (2005) 259
Das, S.K., see Hashimoto, T. 556 (2005) 339
Da Silva Costa, C.F., see Bellunato, T. 556 (2005) 140
Dasmahapatra, B., see Sarkar, M.S. 556 (2005) 266
Davidenko, A.M., see Batarin, V.A. 556 (2005) 94
Davour, A., see Ackermann, M. 556 (2005) 169
De Cataldo, G., see Iodice, M. 556 (2005) 644
De Clercq, C., see Ackermann, M. 556 (2005) 169
Dedek, N., see Bychkov, V.N. 556 (2005) 66
de la Ossa, A.M., see Ankowski, A. 556 (2005) 146
De Leo, R., see Iodice, M. 556 (2005) 644
de Notaristefani, F., see D'Ambrosio, C. 556 (2005) 187
de Oliveira, R., see Bondar, A. 556 (2005) 495

Derevschikov, A.A., see Batarin, V.A. . . . 556 (2005) 94
Déruelle, O., see Marie, F. . . . 556 (2005) 547
Derylo, G., see Akimoto, T. . . . 556 (2005) 459
DeSalvo, R., see Bertolini, A. . . . 556 (2005) 616
De Sanctis, J., see Moroni, A. . . . 556 (2005) 516
Deschamps, O., see Aguiló, E. . . . 556 (2005) 87
Desiati, P., see Ackermann, M. . . . 556 (2005) 169
De Vecchi, C., see Ankowski, A. . . . 556 (2005) 146
DeVita, R., see Sharabian, Y.G. . . . 556 (2005) 246
DeYoung, T., see Ackermann, M. . . . 556 (2005) 169
Di Bari, D., see Iodice, M. . . . 556 (2005) 644
Di Cicco, A., see Ankowski, A. . . . 556 (2005) 146
Diehl, O., see Rohdjeß, H. . . . 556 (2005) 57
di Tigliole, A.B., see Ankowski, A. . . . 556 (2005) 146
Dohrmann, F., see Rohdjeß, H. . . . 556 (2005) 57
Dolfini, R., see Ankowski, A. . . . 556 (2005) 146
Doria, D., see Belloni, F. . . . 556 (2005) 296
Dou, X.-M., see Huang, M.-Z. . . . 556 (2005) 445
Drigert, M., see Spencer, D.F. . . . 556 (2005) 291
Droste, Ch., B. Czajkowska, Z. Marcinkowska, R.M. Lieder, T. Morek, T. Rząca-Urban and W. Gast, Polarisation sensitivity of the CLUSTER detector used in EUROBALL array . . . 556 (2005) 182
Duniec, D., see Fritioff, T. . . . 556 (2005) 31
Dünnweber, W., see Bychkov, V.N. . . . 556 (2005) 66

Egger, J.-P., see Ishiwatari, T. . . . 556 (2005) 509
Ekström, P., see Ackermann, M. . . . 556 (2005) 169
Elouadrhiri, L., see Sharabian, Y.G. . . . 556 (2005) 246
Engelhardt, H.-P., see Rohdjeß, H. . . . 556 (2005) 57
Ereditato, A., see Ankowski, A. . . . 556 (2005) 146
Eversheim, P.D., see Rohdjeß, H. . . . 556 (2005) 57

Faessler, M., see Bychkov, V.N. . . . 556 (2005) 66
Fan, T.-C., see Hwang, C.-S. . . . 556 (2005) 607
Fang, I., see Akimoto, T. . . . 556 (2005) 459
Faust, H., see Marie, F. . . . 556 (2005) 547
Fedele, D., see Straulino, S. . . . 556 (2005) 100
Fedorov, A., see Danevich, F.A. . . . 556 (2005) 259
Feller, W.B., see Tremsin, A.S. . . . 556 (2005) 556
Feng, E.J., see Akimoto, T. . . . 556 (2005) 459
Fent, J., see Ban, J. . . . 556 (2005) 158
Ferella, A., see Ankowski, A. . . . 556 (2005) 146
Fernandez, J.P., see Akimoto, T. . . . 556 (2005) 459
Ferrari, A., see Ankowski, A. . . . 556 (2005) 146
Feser, T., see Ackermann, M. . . . 556 (2005) 169
Fidecaro, F., see Bertolini, A. . . . 556 (2005) 616
Fioni, G., see Marie, F. . . . 556 (2005) 547
Fiorillo, G., see Ankowski, A. . . . 556 (2005) 146
Fiorini, M., see Perotti, F. . . . 556 (2005) 228
Fischer, H., see Bychkov, V.N. . . . 556 (2005) 66
Flaugher, B., see Akimoto, T. . . . 556 (2005) 459
Francesconi, M., see Bertolini, A. . . . 556 (2005) 616
Franz, J., see Bychkov, V.N. . . . 556 (2005) 66
Fraser, G.W., see Smith, S.J. . . . 556 (2005) 237
Fratoni, R., see Iodice, M. . . . 556 (2005) 644
Freeman, J., see Akimoto, T. . . . 556 (2005) 459
Fretwurst, E., see Pintilie, I. . . . 556 (2005) 197
Fretwurst, E., see Lindström, G. . . . 556 (2005) 451
Fritioff, T., J. Cederkäll, L. Weissman, C.J. Barton, K.A. Connell, D. Duniec, O. Kester, T. Lamy, T. Nilsson, P. Jardin, P. Sortais and G. Tranströmer, Purification of radioactive neutron-rich argon beams using an ion source in charge breeding mode . . . 556 (2005) 31
Frullani, S., see Iodice, M. . . . 556 (2005) 644
Fuchi, Y., see Hashimoto, T. . . . 556 (2005) 339
Fuhrmann, H., see Ishiwatari, T. . . . 556 (2005) 509
Fujioka, T., see Nakamura, T. . . . 556 (2005) 80
Fukuda, T., see Nakamura, T. . . . 556 (2005) 80
Fukuda, T., see Hashimoto, T. . . . 556 (2005) 339
Fukuda, T., see Toshito, T. . . . 556 (2005) 482

Fukushima, C., see Toshito, T. 556 (2005) 482
Furukawa, T., see Nakamura, T. 556 (2005) 80
Furukawa, T., see Hashimoto, T. 556 (2005) 339

Gabrielli, A., E. Gandolfi and P.P. Ricci, Development of an electronic board for a neutrino telescope project 556 (2005) 302
Gaisser, T.K., see Ackermann, M. 556 (2005) 169
Galtieri, L., see Akimoto, T. 556 (2005) 459
Galyardt, J., see Akimoto, T. 556 (2005) 459
Gandolfi, E., see Gabrielli, A. 556 (2005) 302
Ganugapati, R., see Ackermann, M. 556 (2005) 169
García-Gamez, D., see Ankowski, A. 556 (2005) 146
Garcia-Sciveres, M., see Akimoto, T. 556 (2005) 459
Garibaldi, F., see Iodice, M. 556 (2005) 644
Garrido, Ll., see Aguiló, E. 556 (2005) 87
Gast, W., see Droste, Ch. 556 (2005) 182
Gasthuber, M., see Rohdjeß, H. 556 (2005) 57
Gaug, M., see Ackermann, M. 556 (2005) 169
Ge, Y., see Ankowski, A. 556 (2005) 146
Geenen, H., see Ackermann, M. 556 (2005) 169
Gentselev, A.N., see Ancharov, A.I. 556 (2005) 645
Georgadze, A.Sh., see Danevich, F.A. 556 (2005) 259
Geraci, E., see Moroni, A. 556 (2005) 516
Gerhardt, L., see Ackermann, M. 556 (2005) 169
Geyer, R., see Bychkov, V.N. 556 (2005) 66
Gibin, D., see Ankowski, A. 556 (2005) 146
Gil-Botella, I., see Ankowski, A. 556 (2005) 146
Giomataris, Y., see Chefdeville, M. 556 (2005) 490
Giordano, G., see Moroni, A. 556 (2005) 516
Giurgiu, G., see Akimoto, T. 556 (2005) 459
Giussani, A., see Moroni, A. 556 (2005) 516
Goldenberg, B.G., see Ancharov, A.I. 556 (2005) 645
Goldschmidt, A., see Ackermann, M. 556 (2005) 169
Goncharenko, Y.M., see Batarin, V.A. 556 (2005) 94
González, C., see Aguiló, E. 556 (2005) 87
Gorelov, I., see Akimoto, T. 556 (2005) 459
Goswami, A., see Sarkar, M.S. 556 (2005) 266
Gousakov, Yu.V., see Bychkov, V.N. 556 (2005) 66
Graciani, R., see Aguiló, E. 556 (2005) 87
Graczyk, K., see Ankowski, A. 556 (2005) 146
Gramegna, F., see Moroni, A. 556 (2005) 516
Grandi, L., see Ankowski, A. 556 (2005) 146
Grandi, M., see Straulino, S. 556 (2005) 100
Graugés, E., see Aguiló, E. 556 (2005) 87
Grebenuk, A., see Bondar, A. 556 (2005) 273
Greiff, J., see Rohdjeß, H. 556 (2005) 57
Gricia, M., see Iodice, M. 556 (2005) 644
Grinyov, B.V., see Danevich, F.A. 556 (2005) 259
Grishin, V.N., see Batarin, V.A. 556 (2005) 94
Groß, A., see Rohdjeß, H. 556 (2005) 57
Groß, A., see Ackermann, M. 556 (2005) 169
Groß-Hardt, R., see Rohdjeß, H. 556 (2005) 57
Grünemaier, A., see Bychkov, V.N. 556 (2005) 66
Guaraldo, C., see Ishiwatari, T. 556 (2005) 509
Guglielmi, A., see Ankowski, A. 556 (2005) 146
Guiot, B., see Moroni, A. 556 (2005) 516
Gundogdu, O., Positron emission zone plate holography for particle tracking 556 (2005) 624
Guo, L., see Sharabian, Y.G. 556 (2005) 246
Gupta, V. and G. Mishra, Harmonic undulator free electron laser and betatron oscillations 556 (2005) 350

Haber, C., see Akimoto, T. 556 (2005) 459
Haeberli, W., see Wise, T. 556 (2005) 1
Hale, D., see Akimoto, T. 556 (2005) 459
Hall, S., see Jamil, M. 556 (2005) 192
Hallgren, A., see Ackermann, M. 556 (2005) 169
Halzen, F., see Ackermann, M. 556 (2005) 169
Hamada, K., see Nakamura, T. 556 (2005) 80

Hanson, K., see Ackermann, M. . . . 556 (2005) 169
Hara, K., see Akimoto, T. . . . 556 (2005) 459
Harada, K., see Nakamura, N. . . . 556 (2005) 421
Hardtke, R., see Ackermann, M. . . . 556 (2005) 169
Harenberg, T., see Ackermann, M. . . . 556 (2005) 169
Harr, R., see Akimoto, T. . . . 556 (2005) 459
Harris, E.F., see Adamson, P. . . . 556 (2005) 119
Harris, P.G., see Adamson, P. . . . 556 (2005) 119
Hartnell, J., see Adamson, P. . . . 556 (2005) 119
Hartwell, J.K., see Scates, W. . . . 556 (2005) 498
Hashimoto, T., H. Ishiyama, T. Ishikawa, T. Kawamura, K. Nakai, Y.X. Watanabe, H. Miyatake, M.H. Tanaka, Y. Fuchi, N. Yoshikawa, S.C. Jeong, I. Katayama, T. Nomura, T. Furukawa, S. Mitsuoka, K. Nishio, M. Matsuda, H. Ikezoe, T. Fukuda, S.K. Das, P.K. Saha, Y. Mizoi, T. Komatsubara, M. Yamaguchi and Y. Tagishi, Gated multiple-sampling and tracking proportional chamber New detector system for nuclear astrophysical study with radioactive nuclear beams . . . 556 (2005) 339
Hauschildt, T., see Ackermann, M. . . . 556 (2005) 169
Hayashi, H., see Nakamura, T. . . . 556 (2005) 80
Heijne, E.H.M., see Chefdeville, M. . . . 556 (2005) 490
Heinsius, F.H., see Bychkov, V.N. . . . 556 (2005) 66
Helbing, K., see Ackermann, M. . . . 556 (2005) 169
Hellwig, M., see Ackermann, M. . . . 556 (2005) 169
Herquet, P., see Ackermann, M. . . . 556 (2005) 169
Hertel, S., see Becker, U. . . . 556 (2005) 527
Hill, C., see Akimoto, T. . . . 556 (2005) 459
Hill, G.C., see Ackermann, M. . . . 556 (2005) 169
Hinterberger, F., see Rohdjeß, H. . . . 556 (2005) 57
Hiramatsu, S., see Nakamura, T. . . . 556 (2005) 80
Hisamatsu, H., see Suetsugu, Y. . . . 556 (2005) 399
Hoeferkamp, M., see Akimoto, T. . . . 556 (2005) 459
Hoff, J., see Akimoto, T. . . . 556 (2005) 459
Holbrook, B., see Akimoto, T. . . . 556 (2005) 459
Holeczek, J., see Ankowski, A. . . . 556 (2005) 146
Hong, S.C., see Akimoto, T. . . . 556 (2005) 459
Hongnian, L., see Jian, F. . . . 556 (2005) 379
Hönniger, F., see Lindström, G. . . . 556 (2005) 451
Hosack, M. and T. Coan, Simple acoustical technique for automated measurement of drift tube anode wire tension . . . 556 (2005) 115
Hoshino, K., see Nakamura, T. . . . 556 (2005) 80
Hrycyk, M., see Akimoto, T. . . . 556 (2005) 459
Hsiao, F.-Z., see Hwang, C.-S. . . . 556 (2005) 607
Hsiung, G.-Y., see Hwang, C.-S. . . . 556 (2005) 607
Hsiung, T.H., see Akimoto, T. . . . 556 (2005) 459
Hsu, K.-T., see Hwang, C.-S. . . . 556 (2005) 607
Hsu, S.-N., see Hwang, C.-S. . . . 556 (2005) 607
Huang, M.-H., see Hwang, C.-S. . . . 556 (2005) 607
Huang, M.-Z., R.-J. Shen, Y.-X. Wang and X.-M. Dou, Linearity analysis for position sensitive detectors using finite element method . . . 556 (2005) 445
Huang, W.H., see Chen, Y. . . . 556 (2005) 38
Hubert, D., see Ackermann, M. . . . 556 (2005) 169
Hughey, B., see Ackermann, M. . . . 556 (2005) 169
Hull, G., see D'Ambrosio, C. . . . 556 (2005) 187
Hulth, P.O., see Ackermann, M. . . . 556 (2005) 169
Hultqvist, K., see Ackermann, M. . . . 556 (2005) 169
Hundertmark, S., see Ackermann, M. . . . 556 (2005) 169
Hwang, C.-S., C.-H. Chang, H.-H. Chen, F.-Y. Lin, T.-C. Fan, M.-H. Huang, J.-C. Jan, K.-T. Hsu, J. Chen, S.-N. Hsu, G.-Y. Hsiung, H.-P. Chang, C.-C. Kuo, Y.-C. Chien, F.-Z. Hsiao, J.-R. Chen and C.-T. Chen, Superconducting wiggler with semi-cold beam duct at Taiwan light source . . . 556 (2005) 607

Igelbrink, M., see Rohdjeß, H. . . . 556 (2005) 57
Ihloff, E., see Cheever, D. . . . 556 (2005) 410
Ikagawa, T., see Sato, R. . . . 556 (2005) 535
Ikezoe, H., see Hashimoto, T. . . . 556 (2005) 339
Ilgner, C., see Bychkov, V.N. . . . 556 (2005) 66
Iliescu, M., see Ishiwatari, T. . . . 556 (2005) 509
Incandela, J., see Akimoto, T. . . . 556 (2005) 459
Incorvaia, S., see Perotti, F. . . . 556 (2005) 228
Iodice, M., E. Cisbani, S. Colilli, F. Cusanno, S. Frullani, R. Fratoni, F. Garibaldi, M. Gricia, M. Lucentini, L. Pierangeli, F. Santavenere, G.M. Urciuoli, P. Veneroni, G. De Cataldo, R. De Leo, D. Di Bari, L. Lagamba, E. Nappi, S. Marrone, B. Kross,

J.J. LeRose, B. Reitz, J. Segal, C. Zorn and H. Breuer, Erratum to: "Performance and results of the RICH detector for kaon physics in Hall A at Jefferson Lab" [Nucl. Instr. and Meth. A 553 (2005) 231–236] ... 556 (2005) 644
Ishikawa, T., see Hashimoto, T. ... 556 (2005) 339
Ishikawa, Y., see Sato, R. ... 556 (2005) 535
Ishiwatari, T., G. Beer, A.M. Bragadireanu, M. Cargnelli, C. Curceanu (Petrascu), J.-P. Egger, H. Fuhrmann, C. Guaraldo, M. Iliescu, K. Itahashi, M. Iwasaki, P. Kienle, B. Lauss, V. Lucherini, L. Ludhova, J. Marton, F. Mulhauser, T. Ponta, L.A. Schaller, D.L. Sirghi, F. Sirghi, P. Strasser and J. Zmeskal, New analysis method for CCD X-ray data ... 556 (2005) 509
Ishiyama, H., see Hashimoto, T. ... 556 (2005) 339
Itahashi, K., see Ishiwatari, T. ... 556 (2005) 509
Ivanchenko, I.M., see Bychkov, V.N. ... 556 (2005) 66
Iwasaki, M., see Ishiwatari, T. ... 556 (2005) 509

Jacobsen, J., see Ackermann, M. ... 556 (2005) 169
Jamil, M., J.T. Rhee, S. Hall, C. Chun and Y.J. Jeon, Study of neutron sensitivity in CMS–RPC using MC simulation for two different setups ... 556 (2005) 192
Jan, J.-C., see Hwang, C.-S. ... 556 (2005) 607
Jardin, P., see Fritioff, T. ... 556 (2005) 31
Jatuff, F., see Bergmann, U.C. ... 556 (2005) 331
Jenner, L., see Adamson, P. ... 556 (2005) 119
Jeon, E.J., see Akimoto, T. ... 556 (2005) 459
Jeon, Y.J., see Jamil, M. ... 556 (2005) 192
Jeong, S.C., see Hashimoto, T. ... 556 (2005) 339
Jian, F. and L. Hongnian, Beam-hardening correction method based on original sinogram for X-CT ... 556 (2005) 379
Joo, K.K., see Akimoto, T. ... 556 (2005) 459
Junk, T., see Akimoto, T. ... 556 (2005) 459
Juszczak, C., see Ankowski, A. ... 556 (2005) 146

Kachanov, V.A., see Batarin, V.A. ... 556 (2005) 94
Kahkola, H., see Akimoto, T. ... 556 (2005) 459
Kameoka, S., see Toshito, T. ... 556 (2005) 482
Kamiya, Y., see Nakamura, N. ... 556 (2005) 421
Kampert, K.H., see Ackermann, M. ... 556 (2005) 169
Kan, K., see Yang, J. ... 556 (2005) 52
Kanai, Y., see Sato, R. ... 556 (2005) 535
Kanazawa, K., see Suetsugu, Y. ... 556 (2005) 399
Kanazawa, M., see Toshito, T. ... 556 (2005) 482
Kanematsu, N., see Toshito, T. ... 556 (2005) 482
Karjalainen, S., see Akimoto, T. ... 556 (2005) 459
Karle, A., see Ackermann, M. ... 556 (2005) 169
Kashy, D., see Sharabian, Y.G. ... 556 (2005) 246
Kataoka, J., see Sato, R. ... 556 (2005) 535
Katayama, I., see Hashimoto, T. ... 556 (2005) 339
Kawabata, N., see Sato, R. ... 556 (2005) 535
Kawada, J., see Nakamura, T. ... 556 (2005) 80
Kawai, N., see Sato, R. ... 556 (2005) 535
Kawamura, T., see Hashimoto, T. ... 556 (2005) 339
Kekelidze, G.D., see Bychkov, V.N. ... 556 (2005) 66
Kelley, J.L., see Ackermann, M. ... 556 (2005) 169
Kelsey, J., see Cheever, D. ... 556 (2005) 410
Kestel, M., see Ackermann, M. ... 556 (2005) 169
Kester, O., see Fritioff, T. ... 556 (2005) 31
Khaled, S., see Alghem, L. ... 556 (2005) 386
Khodyrev, V.Y., see Batarin, V.A. ... 556 (2005) 94
Khursheed, A. and M. Osterberg, Developments in the design of a spectroscopic scanning electron microscope ... 556 (2005) 437
Kiełczewska, D., see Ankowski, A. ... 556 (2005) 146
Kienle, P., see Ishiwatari, T. ... 556 (2005) 509
Kikuchi, M., Reverse-bend FODO lattice applied to damping ring for SuperKEKB ... 556 (2005) 13
Kilian, K., see Abdel-Samad, S. ... 556 (2005) 20
Kim, G.N., see Lee, M.W. ... 556 (2005) 505
Kim, P.C., see Convery, M.R. ... 556 (2005) 134
Kim, S., see Akimoto, T. ... 556 (2005) 459
Kisiel, J., see Ankowski, A. ... 556 (2005) 146
Kobayashi, K., see Akimoto, T. ... 556 (2005) 459
Kobychev, V.V., see Danevich, F.A. ... 556 (2005) 259
Kochubei, D.I., see Ancharov, A.I. ... 556 (2005) 645
Kodama, K., see Nakamura, T. ... 556 (2005) 80

Kodama, K., see Toshito, T. . . . 556 (2005) 482
Kohnen, G., see Ackermann, M. . . . 556 (2005) 169
Koi, T., see Toshito, T. . . . 556 (2005) 482
Koike, N., see Nakamura, T. . . . 556 (2005) 80
Kolster, H., see Wise, T. . . . 556 (2005) 1
Kolster, H., see Cheever, D. . . . 556 (2005) 410
Komatsu, M., see Nakamura, T. . . . 556 (2005) 80
Komatsubara, T., see Hashimoto, T. . . . 556 (2005) 339
Komori, M., see Toshito, T. . . . 556 (2005) 482
Kondoh, T., see Yang, J. . . . 556 (2005) 52
Kong, D.J., see Akimoto, T. . . . 556 (2005) 459
Königsmann, K., see Bychkov, V.N. . . . 556 (2005) 66
Konstantinov, A.S., see Batarin, V.A. . . . 556 (2005) 94
Köpke, L., see Ackermann, M. . . . 556 (2005) 169
Korchuganov, V.N., see Ancharov, A.I. . . . 556 (2005) 645
Kordosky, M., see Adamson, P. . . . 556 (2005) 119
Kormilitsin, V.A., see Batarin, V.A. . . . 556 (2005) 94
Korun, M., see Vidmar, T. . . . 556 (2005) 543
Korzhik, M., see Danevich, F.A. . . . 556 (2005) 259
Koseki, K. and Y. Shimosaki, Parasitic resonance in a solid-state pulsed power modulator . . . 556 (2005) 24
Kowalski, M., see Ackermann, M. . . . 556 (2005) 169
Kozawa, T., see Yang, J. . . . 556 (2005) 52
Kozawa, T., see Saeki, A. . . . 556 (2005) 391
Kozłowski, T., see Ankowski, A. . . . 556 (2005) 146
Kramberger, G., see Lindström, G. . . . 556 (2005) 451
Krasberg, M., see Ackermann, M. . . . 556 (2005) 169
Kravchuk, V., see Moroni, A. . . . 556 (2005) 516
Kravtsov, V.I., see Batarin, V.A. . . . 556 (2005) 94
Krieger, B., see Akimoto, T. . . . 556 (2005) 459
Kropivyansky, B.N., see Danevich, F.A. . . . 556 (2005) 259
Kross, B., see Iodice, M. . . . 556 (2005) 644
Kruse, M., see Akimoto, T. . . . 556 (2005) 459
Kshetri, R., see Sarkar, M.S. . . . 556 (2005) 266
Kubarovsky, V., see Sharabian, Y.G. . . . 556 (2005) 246
Kubota, Y., see Batarin, V.A. . . . 556 (2005) 94
Kuehn, K., see Ackermann, M. . . . 556 (2005) 169
Kulipanov, G.N., see Ancharov, A.I. . . . 556 (2005) 645
Kuo, C.-C., see Hwang, C.-S. . . . 556 (2005) 607
Kuramoto, Y., see Sato, R. . . . 556 (2005) 535
Kurchaninov, L., see Ban, J. . . . 556 (2005) 158
Kuwabara, K., see Nakamura, T. . . . 556 (2005) 80
Kuzin, M.V., see Ancharov, A.I. . . . 556 (2005) 645
Kuznetsova, N., see Akimoto, T. . . . 556 (2005) 459
Kyre, S., see Akimoto, T. . . . 556 (2005) 459

Ladygin, E., see Ban, J. . . . 556 (2005) 158
Laffranchi, M., see Ankowski, A. . . . 556 (2005) 146
Lagamba, L., see Iodice, M. . . . 556 (2005) 644
Łagoda, J., see Ankowski, A. . . . 556 (2005) 146
Lamy, T., see Fritioff, T. . . . 556 (2005) 31
Lanceros-Mendez, S., see Rocha, J.G. . . . 556 (2005) 281
Lanchais, A., see Moroni, A. . . . 556 (2005) 516
Lander, R., see Akimoto, T. . . . 556 (2005) 459
Landry, T., see Akimoto, T. . . . 556 (2005) 459
Lang, K., see Adamson, P. . . . 556 (2005) 119
Langkau, R., see Rohdjeß, H. . . . 556 (2005) 57
Lauhakangas, R., see Akimoto, T. . . . 556 (2005) 459
Lauss, B., see Ishiwatari, T. . . . 556 (2005) 509
Lee, J., see Akimoto, T. . . . 556 (2005) 459
Lee, M.W., S.C. Commichau, G.N. Kim, D. Son and G.M. Viertel, Array element of a space-based synchrotron radiation detector 556 (2005) 505
Lee, R., see Adamson, P. . . . 556 (2005) 119
Leich, H., see Ackermann, M. . . . 556 (2005) 169
Leleux, P., P. Lipnik, S. wa Kitwanga and J. Vanhorenbeeck, About the neutron yield from the p+^{13}C interaction at 30 MeV . . 556 (2005) 397
LeRose, J.J., see Iodice, M. . . . 556 (2005) 644
Letourneau, A., see Marie, F. . . . 556 (2005) 547
Leuthold, M., see Ackermann, M. . . . 556 (2005) 169

Levichev, E.B., see Ancharov, A.I. . . . 556 (2005) 645
Lieder, R.M., see Droste, Ch. . . . 556 (2005) 182
Lin, F.-Y., see Hwang, C.-S. . . . 556 (2005) 607
Lindström, G., E. Fretwurst, F. Hönniger, G. Kramberger, M. Möller-Ivens, I. Pintilie and A. Schramm, Radiation tolerance of epitaxial silicon detectors at very large proton fluences . . . 556 (2005) 451
Lindström, G., see Pintilie, I. . . . 556 (2005) 197
Lipnik, P., see Leleux, P. . . . 556 (2005) 397
Lisowski, B., see Ankowski, A. . . . 556 (2005) 146
Litchfield, P.J., see Adamson, P. . . . 556 (2005) 119
Liubarsky, I., see Ackermann, M. . . . 556 (2005) 169
Livinski, V.V., see Bychkov, V.N. . . . 556 (2005) 66
Lobko, A., see Danevich, F.A. . . . 556 (2005) 259
Lorusso, A., see Belloni, F. . . . 556 (2005) 296
Lozano, J., see Ankowski, A. . . . 556 (2005) 146
Lu, R.-S., see Akimoto, T. . . . 556 (2005) 459
Lucentini, M., see Iodice, M. . . . 556 (2005) 644
Lucherini, V., see Ishiwatari, T. . . . 556 (2005) 509
Ludhova, L., see Ishiwatari, T. . . . 556 (2005) 509
Ludvig, J., see Ackermann, M. . . . 556 (2005) 169
Lujan, P., see Akimoto, T. . . . 556 (2005) 459
Lukanin, V.S., see Batarin, V.A. . . . 556 (2005) 94
Lukens, P., see Akimoto, T. . . . 556 (2005) 459
Lundberg, J., see Ackermann, M. . . . 556 (2005) 169
Lysan, V.M., see Bychkov, V.N. . . . 556 (2005) 66

Madsen, J., see Ackermann, M. . . . 556 (2005) 169
Maier, R., see Rohdjeß, H. . . . 556 (2005) 57
Maiti, M., M. Nandy, S.N. Roy and P.K. Sarkar, Angular distribution of neutrons from heavy ion induced reactions in thick targets 556 (2005) 577
Majumder, H., see Sarkar, M.S. . . . 556 (2005) 266
Maksimovic, P., see Akimoto, T. . . . 556 (2005) 459
Mandelli, E., see Akimoto, T. . . . 556 (2005) 459
Manea, C., see Akimoto, T. . . . 556 (2005) 459
Marciniewski, P., see Ackermann, M. . . . 556 (2005) 169
Marcinkowska, Z., see Droste, Ch. . . . 556 (2005) 182
Margagliotti, G.V., see Moroni, A. . . . 556 (2005) 516
Marie, F., A. Letourneau, G. Fioni, O. Déruelle, Ch. Veyssière, H. Faust, P. Mutti, I. AlMahamid and B. Muhammad, Thermal neutron capture cross-section measurements of ^{243}Am and ^{242}Pu using the new mini-INCA α- and γ-spectroscopy station . . . 556 (2005) 547
Marka, S., see Bertolini, A. . . . 556 (2005) 616
Markiewicz, M., see Ankowski, A. . . . 556 (2005) 146
Marrone, S., see Iodice, M. . . . 556 (2005) 644
Marton, J., see Ishiwatari, T. . . . 556 (2005) 509
Marzec, J., see Bychkov, V.N. . . . 556 (2005) 66
Masaki, M., see Takano, S. . . . 556 (2005) 357
Mascarenhas, N., see Peel, J. . . . 556 (2005) 287
Matis, H.S., see Ackermann, M. . . . 556 (2005) 169
Matsuda, M., see Hashimoto, T. . . . 556 (2005) 339
Matsuoka, H., see Nakamura, T. . . . 556 (2005) 80
Mattaini, E., see Perotti, F. . . . 556 (2005) 228
Matteuzzi, C., see Bellunato, T. . . . 556 (2005) 140
Matthey, C., see Ankowski, A. . . . 556 (2005) 146
Matulenko, Y.A., see Batarin, V.A. . . . 556 (2005) 94
Matveev, D.A., see Bychkov, V.N. . . . 556 (2005) 66
Mauri, F., see Ankowski, A. . . . 556 (2005) 146
McIlwain, M.E., see Scates, W. . . . 556 (2005) 498
McParland, C.P., see Ackermann, M. . . . 556 (2005) 169
Meitanis, N., see Cheever, D. . . . 556 (2005) 410
Melgarejo, A.J., see Ankowski, A. . . . 556 (2005) 146
Melnick, Y.M., see Batarin, V.A. . . . 556 (2005) 94
Menegolli, A., see Ankowski, A. . . . 556 (2005) 146
Meng, G., see Ankowski, A. . . . 556 (2005) 146
Mengesha, W., see Peel, J. . . . 556 (2005) 287
Merkel, P., see Akimoto, T. . . . 556 (2005) 459
Meschanin, A.P., see Batarin, V.A. . . . 556 (2005) 94
Messarius, T., see Ackermann, M. . . . 556 (2005) 169
Messina, M., see Ankowski, A. . . . 556 (2005) 146
Mezentsev, N.A., see Ancharov, A.I. . . . 556 (2005) 645

Mialkovski, V.V., see Bychkov, V.N. . . . 556 (2005) 66
Michael, D., see Adamson, P. . . . 556 (2005) 119
Mikhalin, N.E., see Batarin, V.A. . . . 556 (2005) 94
Milner, R., see Cheever, D. . . . 556 (2005) 410
Min, S.N., see Akimoto, T. . . . 556 (2005) 459
Minaev, N.G., see Batarin, V.A. . . . 556 (2005) 94
Minaeva, Y., see Ackermann, M. . . . 556 (2005) 169
Minas, G., see Rocha, J.G. . . . 556 (2005) 281
Miočinović, P., see Ackermann, M. . . . 556 (2005) 169
Mishin, S.V., see Bychkov, V.N. . . . 556 (2005) 66
Mishnev, S.I., see Ancharov, A.I. . . . 556 (2005) 645
Mishra, G., see Gupta, V. . . . 556 (2005) 350
Missevitch, O., see Danevich, F.A. . . . 556 (2005) 259
Mitsuoka, S., see Hashimoto, T. . . . 556 (2005) 339
Miyagawa, P.S., see Adamson, P. . . . 556 (2005) 119
Miyamoto, S., see Nakamura, T. . . . 556 (2005) 80
Miyanishi, K., see Nakamura, T. . . . 556 (2005) 80
Miyanishi, M., see Nakamura, T. . . . 556 (2005) 80
Miyatake, H., see Hashimoto, T. . . . 556 (2005) 339
Mizoi, Y., see Hashimoto, T. . . . 556 (2005) 339
Moccia, S., see Akimoto, T. . . . 556 (2005) 459
Mochalov, V.V., see Batarin, V.A. . . . 556 (2005) 94
Möller-Ivens, M., see Lindström, G. . . . 556 (2005) 451
Montanari, C., see Ankowski, A. . . . 556 (2005) 146
Morek, T., see Droste, Ch. . . . 556 (2005) 182
Morishima, K., see Nakamura, T. . . . 556 (2005) 80
Moroni, A., M. Bruno, L. Bardelli, S. Barlini, S. Brambilla, G. Casini, R. Cavaletti, M. Chiari, A. Cortesi, M. D'Agostino, J. De Sanctis, E. Geraci, G. Giordano, A. Giussani, F. Gramegna, B. Guiot, V. Kravchuk, A. Lanchais, G.V. Margagliotti, A. Nannini, A. Ordine, S. Piantelli, G. Vannini and L. Vannucci, The Ring Counter (RCo): A high resolution IC–Si–CsI(TL) device for heavy ion reaction studies at 10–30 MeV/A . . . 556 (2005) 516
Morozov, D.A., see Batarin, V.A. . . . 556 (2005) 94
Morse, R., see Adamson, P. . . . 556 (2005) 119
Morse, R., see Ackermann, M. . . . 556 (2005) 169
Mortreau, P. and R. Berndt, Determination of ^{235}U enrichment with a large volume CZT detector . . . 556 (2005) 219
Mosel, F., see Rohdjeß, H. . . . 556 (2005) 57
Muhammad, B., see Marie, F. . . . 556 (2005) 547
Mukherjee, A., see Sarkar, M.S. . . . 556 (2005) 266
Mulhauser, F., see Ishiwatari, T. . . . 556 (2005) 509
Müller, M., see Rohdjeß, H. . . . 556 (2005) 57
Münich, K.S., see Ackermann, M. . . . 556 (2005) 169
Münstermann, M., see Rohdjeß, H. . . . 556 (2005) 57
Murakami, K., see Toshito, T. . . . 556 (2005) 482
Muraro, S., see Ankowski, A. . . . 556 (2005) 146
Murphy, M.F., see Bergmann, U.C. . . . 556 (2005) 331
Musy, M., see Bellunato, T. . . . 556 (2005) 140
Mutchler, G.S., see Sharabian, Y.G. . . . 556 (2005) 246
Mutti, P., see Marie, F. . . . 556 (2005) 547

Nada, H., see Nakamura, T. . . . 556 (2005) 80
Naganawa, N., see Nakamura, T. . . . 556 (2005) 80
Naganawa, N., see Toshito, T. . . . 556 (2005) 482
Nagornaya, L.L., see Danevich, F.A. . . . 556 (2005) 259
Nagorny, S.S., see Danevich, F.A. . . . 556 (2005) 259
Nahnhauer, R., see Ackermann, M. . . . 556 (2005) 169
Nakai, K., see Hashimoto, T. . . . 556 (2005) 339
Nakamura, M., see Nakamura, T. . . . 556 (2005) 80
Nakamura, N., H. Takaki, H. Sakai, M. Satoh, K. Harada and Y. Kamiya, New orbit correction method uniting global and local orbit corrections . . . 556 (2005) 421
Nakamura, T., A. Ariga, T. Ban, T. Fukuda, T. Fukuda, T. Fujioka, T. Furukawa, K. Hamada, H. Hayashi, S. Hiramatsu, K. Hoshino, J. Kawada, N. Koike, M. Komatsu, H. Matsuoka, S. Miyamoto, K. Miyanishi, M. Miyanishi, K. Morishima, H. Nada, N. Naganawa, T. Nakano, K. Narita, M. Natsume, K. Niwa, N. Nonaka, B.D. Park, O. Sato, S. Takahashi, T. Toshito, T. Uetake, M. Nakamura, K. Kuwabara, S. Nishiyama, Y. Nonoyama and K. Kodama, The OPERA film: New nuclear emulsion for large-scale, high-precision experiments . . . 556 (2005) 80
Nakamura, T., see Toshito, T. . . . 556 (2005) 482
Nakano, I., see Akimoto, T. . . . 556 (2005) 459
Nakano, T., see Nakamura, T. . . . 556 (2005) 80

Naletto, G., G. Tondello and R. Cimino, Design of a high-flux low-energy synchrotron radiation monochromator 556 (2005) 371
Nam, J., see Ackermann, M. 556 (2005) 169
Nandy, M., see Maiti, M. 556 (2005) 577
Nannini, A., see Moroni, A. 556 (2005) 516
Naoumov, D., see Akimoto, T. 556 (2005) 459
Nappi, E., see Iodice, M. 556 (2005) 644
Narita, K., see Nakamura, T. 556 (2005) 80
Nassisi, V., see Belloni, F. 556 (2005) 296
Natsume, M., see Nakamura, T. 556 (2005) 80
Natsume, M., see Toshito, T. 556 (2005) 482
Navas-Concha, S., see Ankowski, A. 556 (2005) 146
Nelson, T., see Akimoto, T. 556 (2005) 459
Neunhöffer, T., see Ackermann, M. 556 (2005) 169
Ni, K., see Aprile, E. 556 (2005) 215
Nichol, R., see Adamson, P. 556 (2005) 119
Nicholls, T., see Adamson, P. 556 (2005) 119
Niessen, P., see Ackermann, M. 556 (2005) 169
Nikolaiko, A.S., see Danevich, F.A. 556 (2005) 259
Nikolenko, A.D., see Ancharov, A.I. 556 (2005) 645
Nilsson, T., see Fritioff, T. 556 (2005) 31
Nishio, K., see Hashimoto, T. 556 (2005) 339
Nishiyama, S., see Nakamura, T. 556 (2005) 80
Niwa, K., see Nakamura, T. 556 (2005) 80
Niwa, K., see Toshito, T. 556 (2005) 482
Nogach, L.V., see Batarin, V.A. 556 (2005) 94
Nomura, T., see Hashimoto, T. 556 (2005) 339
Nonaka, N., see Nakamura, T. 556 (2005) 80
Nonoyama, Y., see Nakamura, T. 556 (2005) 80
Nord, B., see Akimoto, T. 556 (2005) 459
Novak, J., see Akimoto, T. 556 (2005) 459
Novikov, E.A., see Bychkov, V.N. 556 (2005) 66
Nowak, J., see Ankowski, A. 556 (2005) 146
Nygren, D.R., see Ackermann, M. 556 (2005) 169

Oberlack, H., see Ban, J. 556 (2005) 158
Ogawa, S., see Toshito, T. 556 (2005) 482
Ögelman, H., see Ackermann, M. 556 (2005) 169
Ohkuma, H., see Takano, S. 556 (2005) 357
Okusawa, T., see Akimoto, T. 556 (2005) 459
Olbrechts, Ph., see Ackermann, M. 556 (2005) 169
Orava, R., see Akimoto, T. 556 (2005) 459
Ordine, A., see Moroni, A. 556 (2005) 516
Orlov, Y., see Akimoto, T. 556 (2005) 459
Osterberg, K., see Akimoto, T. 556 (2005) 459
Osterberg, M., see Khursheed, A. 556 (2005) 437
Ostrick, M., see Sharabian, Y.G. 556 (2005) 246
Otwinowski, S., see Ankowski, A. 556 (2005) 146
Ozaki, M., see Toshito, T. 556 (2005) 482

Paar, H.P., see Convery, M.R. 556 (2005) 134
Palamara, O., see Ankowski, A. 556 (2005) 146
Panchenko, V.E., see Ancharov, A.I. 556 (2005) 645
Pani, R., see D'Ambrosio, C. 556 (2005) 187
Pantano, D., see Akimoto, T. 556 (2005) 459
Papini, P., see Straulino, S. 556 (2005) 100
Park, B.D., see Nakamura, T. 556 (2005) 80
Pasyuk, E., see Sharabian, Y.G. 556 (2005) 246
Pavlicek, V., see Akimoto, T. 556 (2005) 459
Pavlyuchenko, D., see Bondar, A. 556 (2005) 273
Pearce, G., see Adamson, P. 556 (2005) 119
Peel, J., N. Mascarenhas, W. Mengesha and D. Sunnarborg, Development of a directional scintillating fiber detector for 14 MeV neutrons 556 (2005) 287
Pellett, D., see Akimoto, T. 556 (2005) 459
Perego, D.L., see Bellunato, T. 556 (2005) 140
Pérez de los Heros, C., see Ackermann, M. 556 (2005) 169
Periale, L., see Ankowski, A. 556 (2005) 146

Perotti, F., M. Fiorini, S. Incorvaia, E. Mattaini and E. Sant'Ambrogio, The AGILE anticoincidence detector 556 (2005) 228
Perret, P., see Aguiló, E. 556 (2005) 87
Peshekhonov, V.D., see Bychkov, V.N. 556 (2005) 66
Petyt, D., see Adamson, P. 556 (2005) 119
Piano Mortari, G., see Ankowski, A. 556 (2005) 146
Piantelli, S., see Moroni, A. 556 (2005) 516
Piazzoli, A., see Ankowski, A. 556 (2005) 146
Picchi, P., see Ankowski, A. 556 (2005) 146
Pierangeli, L., see Iodice, M. 556 (2005) 644
Pietropaolo, F., see Ankowski, A. 556 (2005) 146
Pindyurin, V.F., see Ancharov, A.I. 556 (2005) 645
Pintilie, I., M. Buda, E. Fretwurst, G. Lindström and J. Stahl, Stable radiation-induced donor generation and its influence on the radiation tolerance of silicon diodes 556 (2005) 197
Pintilie, I., see Lindström, G. 556 (2005) 451
Pirogov, E.N., see Danevich, F.A. 556 (2005) 259
Platzer, K., see Bychkov, V.N. 556 (2005) 66
Poda, D.V., see Danevich, F.A. 556 (2005) 259
Pohl, A.C., see Ackermann, M. 556 (2005) 169
Półchłopek, W., see Ankowski, A. 556 (2005) 146
Ponta, T., see Ishiwatari, T. 556 (2005) 509
Porrata, R., see Ackermann, M. 556 (2005) 169
Pozniak, K.T., see Czarski, T. 556 (2005) 565
Prasuhn, D., see Rohdjeß, H. 556 (2005) 57
Prata, M., see Ankowski, A. 556 (2005) 146
Prata, M.C., see Ankowski, A. 556 (2005) 146
Price, P.B., see Ackermann, M. 556 (2005) 169
Przewlocki, P., see Ankowski, A. 556 (2005) 146
Przybylski, G.T., see Ackermann, M. 556 (2005) 169
Pursley, J., see Akimoto, T. 556 (2005) 459

Quin, P.A., see Wise, T. 556 (2005) 1

Ramdhane, M., see Alghem, L. 556 (2005) 386
Rappoldi, A., see Ankowski, A. 556 (2005) 146
Raselli, G.L., see Ankowski, A. 556 (2005) 146
Raut, R., see Sarkar, M.S. 556 (2005) 266
Rawlins, K., see Ackermann, M. 556 (2005) 169
Ray, M., see Sarkar, M.S. 556 (2005) 266
Razeti, M., A large signal analysis for transition edge sensors operating in electrothermal feedback 556 (2005) 209
Reitz, B., see Iodice, M. 556 (2005) 644
Resconi, E., see Ackermann, M. 556 (2005) 169
Rhee, J.T., see Jamil, M. 556 (2005) 192
Rhode, W., see Ackermann, M. 556 (2005) 169
Ribordy, M., see Ackermann, M. 556 (2005) 169
Ricci, P.P., see Gabrielli, A. 556 (2005) 302
Ricciarini, S.B., see Straulino, S. 556 (2005) 100
Richter, S., see Ackermann, M. 556 (2005) 169
Riipinen, P., see Akimoto, T. 556 (2005) 459
Ripani, M., see Sharabian, Y.G. 556 (2005) 246
Ritman, J., see Abdel-Samad, S. 556 (2005) 20
Robbins, S., see Ackermann, M. 556 (2005) 169
Rocha, J.G., G. Minas and S. Lanceros-Mendez, Optical coupling between scintillators and standard CMOS detectors 556 (2005) 281
Rodríguez Martino, J., see Ackermann, M. 556 (2005) 169
Rogers, C.H., see Convery, M.R. 556 (2005) 134
Rohdjeß, H., D. Albers, J. Bisplinghoff, R. Bollmann, K. Büßer, O. Diehl, F. Dohrmann, H.-P. Engelhardt, P.D. Eversheim, M. Gasthuber, J. Greiff, A. Groß, R. Groß-Hardt, F. Hinterberger, M. Igelbrink, R. Langkau, R. Maier, F. Mosel, M. Müller, M. Münstermann, D. Prasuhn, P. von Rossen, H. Scheid, N. Schirm, F. Schwandt, W. Scobel, H.J. Trelle, A. Wellinghausen, W. Wiedmann, K. Woller and R. Ziegler, Determining beam parameters in a storage ring with a cylindrical hodoscope using elastic proton–proton scattering 556 (2005) 57
Romaniuk, R.S., see Czarski, T. 556 (2005) 565
Rondio, E., see Ankowski, A. 556 (2005) 146
Ropelewski, L., see Bondar, A. 556 (2005) 495
Rossella, M., see Ankowski, A. 556 (2005) 146
Rossi, P., see Sharabian, Y.G. 556 (2005) 246
Rottura, A., see Sharabian, Y.G. 556 (2005) 246
Roy, S., see Sarkar, M.S. 556 (2005) 266

Roy, S.N., see Maiti, M. . . . 556 (2005) 577
Rubbia, A., see Ankowski, A. . . . 556 (2005) 146
Rubbia, C., see Ankowski, A. . . . 556 (2005) 146
Ryazantsev, A.V., see Batarin, V.A. . . . 556 (2005) 94
Ryzhikov, V.D., see Danevich, F.A. . . . 556 (2005) 259
Rząca-Urban, T., see Droste, Ch. . . . 556 (2005) 182

Saakyan, R., see Adamson, P. . . . 556 (2005) 119
Saeki, A., T. Kozawa and S. Tagawa, Picosecond pulse radiolysis using femtosecond white light with a high S/N spectrum acquisition system in one beam shot . . . 556 (2005) 391
Saha, P.K., see Hashimoto, T. . . . 556 (2005) 339
Saito, T., see Sato, R. . . . 556 (2005) 535
Sakai, H., see Nakamura, N. . . . 556 (2005) 421
Sala, P.R., see Ankowski, A. . . . 556 (2005) 146
Salm, C., see Chefdeville, M. . . . 556 (2005) 490
Sander, H.-G., see Ackermann, M. . . . 556 (2005) 169
Sannibale, V., see Bertolini, A. . . . 556 (2005) 616
Sans, M., see Bychkov, V.N. . . . 556 (2005) 66
Sant'Ambrogio, E., see Perotti, F. . . . 556 (2005) 228
Santavenere, F., see Iodice, M. . . . 556 (2005) 644
Santorelli, R., see Ankowski, A. . . . 556 (2005) 146
Sarkar, M.S., R. Kshetri, R. Raut, A. Mukherjee, M. Sinha, M. Ray, A. Goswami, S. Roy, P. Basu, H. Majumder, S. Bhattacharya and B. Dasmahapatra, Characterisation of a Compton suppressed Clover detector for high energy gamma rays ($\leqslant$11 MeV) . . . 556 (2005) 266
Sarkar, P.K., see Maiti, M. . . . 556 (2005) 577
Sarma, P.R., General coil-shape in superconducting quadrupole magnets for generating the perfect field . . . 556 (2005) 433
Sasaki, T., see Toshito, T. . . . 556 (2005) 482
Sato, O., see Nakamura, T. . . . 556 (2005) 80
Sato, R., J. Kataoka, Y. Kanai, Y. Ishikawa, N. Kawabata, T. Ikagawa, T. Saito, Y. Kuramoto and N. Kawai, Development of 2 cm-square Hamamatsu avalanche photodiodes for high-resolution X-rays and γ-rays detection . . . 556 (2005) 535
Sato, S., see Toshito, T. . . . 556 (2005) 482
Satoh, M., see Nakamura, N. . . . 556 (2005) 421
Sauli, F., see Bondar, A. . . . 556 (2005) 495
Scannicchio, D., see Ankowski, A. . . . 556 (2005) 146
Scates, W., J.K. Hartwell, R. Aryaeinejad and M.E. McIlwain, Optimization studies of a Compton suppression spectrometer using experimentally validated Monte Carlo simulations . . . 556 (2005) 498
Schacht, P., see Ban, J. . . . 556 (2005) 158
Schaller, L.A., see Ishiwatari, T. . . . 556 (2005) 509
Scheid, H., see Rohdjeß, H. . . . 556 (2005) 57
Schindler, R.H., see Convery, M.R. . . . 556 (2005) 134
Schirm, N., see Rohdjeß, H. . . . 556 (2005) 57
Schlenstedt, S., see Ackermann, M. . . . 556 (2005) 169
Schmidt, Th., see Bychkov, V.N. . . . 556 (2005) 66
Schmitz, J., see Chefdeville, M. . . . 556 (2005) 490
Schneider, D., see Ackermann, M. . . . 556 (2005) 169
Schramm, A., see Lindström, G. . . . 556 (2005) 451
Schuyler, B., see Akimoto, T. . . . 556 (2005) 459
Schwandt, F., see Rohdjeß, H. . . . 556 (2005) 57
Schwarz, R., see Ackermann, M. . . . 556 (2005) 169
Scobel, W., see Rohdjeß, H. . . . 556 (2005) 57
Segal, J., see Iodice, M. . . . 556 (2005) 644
Segreto, E., see Ankowski, A. . . . 556 (2005) 146
Seidel, S., see Akimoto, T. . . . 556 (2005) 459
Semenov, P.A., see Batarin, V.A. . . . 556 (2005) 94
Semenov, V.K., see Batarin, V.A. . . . 556 (2005) 94
Seo, Y., see Ankowski, A. . . . 556 (2005) 146
Sergiampietri, F., see Ankowski, A. . . . 556 (2005) 146
Shagin, P., see Aprile, E. . . . 556 (2005) 215
Sharabian, Y.G., M. Battaglieri, V.D. Burkert, R. DeVita, L. Elouadrhiri, L. Guo, D. Kashy, V. Kubarovsky, G.S. Mutchler, M. Ostrick, M. Ripani, P. Rossi, A. Rottura, E. Pasyuk and D. Weygand, A new highly segmented start counter for the CLAS detector . . . 556 (2005) 246
Sharafutdinov, M.R., see Ancharov, A.I. . . . 556 (2005) 645
Shekhtman, L., see Bondar, A. . . . 556 (2005) 495
Shen, R.-J., see Huang, M.-Z. . . . 556 (2005) 445
Shenai, A., see Akimoto, T. . . . 556 (2005) 459
Sheromov, M.A., see Ancharov, A.I. . . . 556 (2005) 645
Shestermanov, K.E., see Batarin, V.A. . . . 556 (2005) 94

Shibasaki, M., see Toshito, T. . . . 556 (2005) 482
Shibata, K., see Suetsugu, Y. . . . 556 (2005) 399
Shibuya, H., see Toshito, T. . . . 556 (2005) 482
Shimosaki, Y., see Koseki, K. . . . 556 (2005) 24
Shinozaki, A., see Cheever, D. . . . 556 (2005) 410
Shmakov, A.N., see Ancharov, A.I. . . . 556 (2005) 645
Shokin, V.I., see Bychkov, V.N. . . . 556 (2005) 66
Silvestri, A., see Ackermann, M. . . . 556 (2005) 169
Simonetti, D., see Bertolini, A. . . . 556 (2005) 616
Simrock, S., see Czarski, T. . . . 556 (2005) 565
Sinha, M., see Sarkar, M.S. . . . 556 (2005) 266
Sirghi, D.L., see Ishiwatari, T. . . . 556 (2005) 509
Sirghi, F., see Ishiwatari, T. . . . 556 (2005) 509
Sissakian, A.N., see Bychkov, V.N. . . . 556 (2005) 66
Smith, C., see Adamson, P. . . . 556 (2005) 119
Smith, S.J., C.H. Whitford and G.W. Fraser, Optimised filtering for improved energy and position resolution in position-sensitive TES based X-ray detectors . . . 556 (2005) 237
Smits, S., see Chefdeville, M. . . . 556 (2005) 490
Snopkov, R., see Bondar, A. . . . 556 (2005) 273
Sobczyk, J., see Ankowski, A. . . . 556 (2005) 146
Soha, A., see Akimoto, T. . . . 556 (2005) 459
Solarz, M., see Ackermann, M. . . . 556 (2005) 169
Soloviev, L.F., see Batarin, V.A. . . . 556 (2005) 94
Son, D., see Lee, M.W. . . . 556 (2005) 505
Sopher, J., see Ackermann, M. . . . 556 (2005) 169
Sortais, P., see Fritioff, T. . . . 556 (2005) 31
Spencer, D.F., J. Cole, M. Drigert and R. Aryaeinejad, A high-resolution, multi-stop, time-to-digital converter for nuclear time-of-flight measurements . . . 556 (2005) 291
Spiczak, G.M., see Ackermann, M. . . . 556 (2005) 169
Spiering, C., see Ackermann, M. . . . 556 (2005) 169
Spillantini, P., see Straulino, S. . . . 556 (2005) 100
Stach, S., see Ankowski, A. . . . 556 (2005) 146
Stahl, J., see Pintilie, I. . . . 556 (2005) 197
Stamatikos, M., see Ackermann, M. . . . 556 (2005) 169
Steele, D., see Ackermann, M. . . . 556 (2005) 169
Steffen, P., see Ackermann, M. . . . 556 (2005) 169
Stenzel, H., see Ban, J. . . . 556 (2005) 158
Stepaniak, J., see Ankowski, A. . . . 556 (2005) 146
Stokstad, R.G., see Ackermann, M. . . . 556 (2005) 169
Stone, S., see Batarin, V.A. . . . 556 (2005) 94
Strasser, P., see Ishiwatari, T. . . . 556 (2005) 509
Straulino, S., O. Adriani, L. Bonechi, M. Bongi, S. Bottai, G. Castellini, D. Fedele, M. Grandi, P. Papini, S.B. Ricciarini, P. Spillantini, F. Taccetti, E. Taddei and E. Vannuccini, Spatial resolution of double-sided silicon microstrip detectors for the PAMELA apparatus . . . 556 (2005) 100
Strizenec, P., see Ban, J. . . . 556 (2005) 158
Stuart, D., see Akimoto, T. . . . 556 (2005) 459
Suetsugu, Y., K. Kanazawa, K. Shibata and H. Hisamatsu, Continuing study on the photoelectron and secondary electron yield of TiN coating and NEG (Ti–Zr–V) coating under intense photon irradiation at the KEKB positron ring . . . 556 (2005) 399
Sulanke, K.-H., see Ackermann, M. . . . 556 (2005) 169
Sulej, R., see Ankowski, A. . . . 556 (2005) 146
Sun, W.M., Simultaneous least-squares treatment of statistical and systematic uncertainties . . . 556 (2005) 325
Sunnarborg, D., see Peel, J. . . . 556 (2005) 287
Swain, S.K., see Convery, M.R. . . . 556 (2005) 134
Symes, P., see Adamson, P. . . . 556 (2005) 119
Szarska, M., see Ankowski, A. . . . 556 (2005) 146
Szelc, A., see Ankowski, A. . . . 556 (2005) 146
Szeptycka, M., see Ankowski, A. . . . 556 (2005) 146

Taboada, I., see Ackermann, M. . . . 556 (2005) 169
Taccetti, F., see Straulino, S. . . . 556 (2005) 100
Taddei, E., see Straulino, S. . . . 556 (2005) 100
Tagawa, S., see Yang, J. . . . 556 (2005) 52
Tagawa, S., see Saeki, A. . . . 556 (2005) 391
Tagg, N., see Adamson, P. . . . 556 (2005) 119
Tagishi, Y., see Hashimoto, T. . . . 556 (2005) 339
Takahashi, S., see Nakamura, T. . . . 556 (2005) 80

Takahashi, S., see Toshito, T. . . . 556 (2005) 482
Takaki, H., see Nakamura, N. . . . 556 (2005) 421
Takamori, A., see Bertolini, A. . . . 556 (2005) 616
Takano, S., M. Masaki and H. Ohkuma, X-ray imaging of a small electron beam in a low-emittance synchrotron light source . . 556 (2005) 357
Tamm, B., see Becker, U. . . . 556 (2005) 527
Tanaka, M.H., see Hashimoto, T. . . . 556 (2005) 339
Tanaka, R., see Akimoto, T. . . . 556 (2005) 459
Tang, C.X., see Chen, Y. . . . 556 (2005) 38
Tariq, H., see Bertolini, A. . . . 556 (2005) 616
Tavi, M., see Akimoto, T. . . . 556 (2005) 459
Terrani, M., see Ankowski, A. . . . 556 (2005) 146
Thollander, L., see Ackermann, M. . . . 556 (2005) 169
Thomas, J., see Adamson, P. . . . 556 (2005) 119
Tikhonov, Y., see Bondar, A. . . . 556 (2005) 273
Tilav, S., see Ackermann, M. . . . 556 (2005) 169
Timmermans, J., see Chefdeville, M. . . . 556 (2005) 490
Tolochko, B.P., see Ancharov, A.I. . . . 556 (2005) 645
Tondello, G., see Naletto, G. . . . 556 (2005) 371
Toshito, T., K. Kodama, K. Yusa, M. Ozaki, K. Amako, S. Kameoka, K. Murakami, T. Sasaki, S. Aoki, T. Ban, T. Fukuda, N. Naganawa, T. Nakamura, M. Natsume, K. Niwa, S. Takahashi, M. Kanazawa, N. Kanematsu, M. Komori, S. Sato, M. Asai, T. Koi, C. Fukushima, S. Ogawa, M. Shibasaki and H. Shibuya, Charge identification of highly ionizing particles in desensitized nuclear emulsion using high speed read-out system . . . 556 (2005) 482
Toshito, T., see Nakamura, T. . . . 556 (2005) 80
Tranströmer, G., see Fritioff, T. . . . 556 (2005) 31
Trelle, H.J., see Rohdjeß, H. . . . 556 (2005) 57
Tremsin, A.S. and W.B. Feller, The theory of compact and efficient circular-pore MCP neutron collimators . . . 556 (2005) 556
Tretyak, V.I., see Danevich, F.A. . . . 556 (2005) 259
Tsentalovich, E., see Cheever, D. . . . 556 (2005) 410

Uetake, T., see Nakamura, T. . . . 556 (2005) 80
Urciuoli, G.M., see Iodice, M. . . . 556 (2005) 644
Uzunian, A.V., see Batarin, V.A. . . . 556 (2005) 94

Vahle, P., see Adamson, P. . . . 556 (2005) 119
van der Graaf, H., see Chefdeville, M. . . . 556 (2005) 490
van der Putten, S., see Chefdeville, M. . . . 556 (2005) 490
Vanhorenbeeck, J., see Leleux, P. . . . 556 (2005) 397
Vannini, G., see Moroni, A. . . . 556 (2005) 516
Vannucci, L., see Moroni, A. . . . 556 (2005) 516
Vannuccini, E., see Straulino, S. . . . 556 (2005) 100
Varanini, F., see Ankowski, A. . . . 556 (2005) 146
Vasiliev, A.N., see Batarin, V.A. . . . 556 (2005) 94
Veneroni, P., see Iodice, M. . . . 556 (2005) 644
Ventura, S., see Ankowski, A. . . . 556 (2005) 146
Veyssière, Ch., see Marie, F. . . . 556 (2005) 547
Vidmar, T. and M. Korun, Calculation of "LS-curves" for coincidence summing corrections in gamma ray spectrometry . . . 556 (2005) 543
Viertel, G.M., see Lee, M.W. . . . 556 (2005) 505
Vignoli, C., see Ankowski, A. . . . 556 (2005) 146
Vilasís, X., see Aguiló, E. . . . 556 (2005) 87
Vinokurov, N.A., see Ancharov, A.I. . . . 556 (2005) 645
Viriasov, K.S., see Bychkov, V.N. . . . 556 (2005) 66
Visschers, J.L., see Chefdeville, M. . . . 556 (2005) 490
Vobly, P.D., see Ancharov, A.I. . . . 556 (2005) 645
Von der Lippe, H., see Akimoto, T. . . . 556 (2005) 459
von Rossen, P., see Rohdjeß, H. . . . 556 (2005) 57
Vylov, Ts., see Danevich, F.A. . . . 556 (2005) 259
Vyshnevskyi, I.M., see Danevich, F.A. . . . 556 (2005) 259

Wagner, W., see Ackermann, M. . . . 556 (2005) 169
wa Kitwanga, S., see Leleux, P. . . . 556 (2005) 397
Walck, C., see Ackermann, M. . . . 556 (2005) 169
Walder, J.-P., see Akimoto, T. . . . 556 (2005) 459
Walter, M., see Ackermann, M. . . . 556 (2005) 169
Wang, H., see Ankowski, A. . . . 556 (2005) 146
Wang, Y.-R., see Ackermann, M. . . . 556 (2005) 169
Wang, Y.-X., see Huang, M.-Z. . . . 556 (2005) 445

Wang, Z., see Akimoto, T. . . . 556 (2005) 459
Watanabe, Y.X., see Hashimoto, T. . . . 556 (2005) 339
Watje, P., see Akimoto, T. . . . 556 (2005) 459
Weber, A., see Adamson, P. . . . 556 (2005) 119
Weber, M., see Akimoto, T. . . . 556 (2005) 459
Weissman, L., see Fritioff, T. . . . 556 (2005) 31
Wellinghausen, A., see Rohdjeß, H. . . . 556 (2005) 57
Wendt, C., see Ackermann, M. . . . 556 (2005) 169
Wester, W., see Akimoto, T. . . . 556 (2005) 459
Weygand, D., see Sharabian, Y.G. . . . 556 (2005) 246
Whitford, C.H., see Smith, S.J. . . . 556 (2005) 237
Wiebusch, C.H., see Ackermann, M. . . . 556 (2005) 169
Wiedmann, W., see Rohdjeß, H. . . . 556 (2005) 57
Wiedner, U., see Bychkov, V.N. . . . 556 (2005) 66
Wischnewski, R., see Ackermann, M. . . . 556 (2005) 169
Wise, T., M.A. Chapman, W. Haeberli, H. Kolster and P.A. Quin, An optimization study for the RHIC polarized jet target . . . 556 (2005) 1
Wissing, H., see Ackermann, M. . . . 556 (2005) 169
Woller, K., see Rohdjeß, H. . . . 556 (2005) 57
Woschnagg, K., see Ackermann, M. . . . 556 (2005) 169

Xiao, Y., see Cheever, D. . . . 556 (2005) 410

Yakutin, A.E., see Batarin, V.A. . . . 556 (2005) 94
Yamaguchi, M., see Hashimoto, T. . . . 556 (2005) 339
Yamamoto, K., see Akimoto, T. . . . 556 (2005) 459
Yang, J., T. Kondoh, K. Kan, T. Kozawa, Y. Yoshida and S. Tagawa, Femtosecond single electron bunch generation by rotating longitudinal bunch phase space in magnetic field . . . 556 (2005) 52
Yang, X., see Ankowski, A. . . . 556 (2005) 146
Yang, Y.C., see Akimoto, T. . . . 556 (2005) 459
Yao, W., see Akimoto, T. . . . 556 (2005) 459
Yarba, J., see Batarin, V.A. . . . 556 (2005) 94
Yarema, R., see Akimoto, T. . . . 556 (2005) 459
Yodh, G., see Ackermann, M. . . . 556 (2005) 169
Yoshida, Y., see Yang, J. . . . 556 (2005) 52
Yoshikawa, N., see Hashimoto, T. . . . 556 (2005) 339
Young, C.C., see Convery, M.R. . . . 556 (2005) 134
Yun, J.C., see Akimoto, T. . . . 556 (2005) 459
Yurchenko, S.S., see Danevich, F.A. . . . 556 (2005) 259
Yusa, K., see Toshito, T. . . . 556 (2005) 482

Zalewska, A., see Ankowski, A. . . . 556 (2005) 146
Zaremba, K., see Bychkov, V.N. . . . 556 (2005) 66
Zetti, F., see Akimoto, T. . . . 556 (2005) 459
Zhang, C., see Cheever, D. . . . 556 (2005) 410
Zhukov, I.A., see Bychkov, V.N. . . . 556 (2005) 66
Ziegler, R., see Rohdjeß, H. . . . 556 (2005) 57
Ziemann, V., Comparison of non-linear effects from the electric field of several current distributions . . . 556 (2005) 45
Ziemann, V., On pellet target luminosity modulation . . . 556 (2005) 641
Zimmerman, T., see Akimoto, T. . . . 556 (2005) 459
Zimmermann, S., see Akimoto, T. . . . 556 (2005) 459
Ziskin, V., see Cheever, D. . . . 556 (2005) 410
Zlobin, Yu.L., see Bychkov, V.N. . . . 556 (2005) 66
Zmeskal, J., see Ishiwatari, T. . . . 556 (2005) 509
Zolotarev, K.V., see Ancharov, A.I. . . . 556 (2005) 645
Zorn, C., see Iodice, M. . . . 556 (2005) 644
Zucchelli, S., see Akimoto, T. . . . 556 (2005) 459
Zvyagin, A., see Bychkov, V.N. . . . 556 (2005) 66
Zwart, T., see Cheever, D. . . . 556 (2005) 410

Available online at www.sciencedirect.com
SCIENCE DIRECT®
ELSEVIER
Nuclear Instruments and Methods in Physics Research A 556 (2006) 664–668
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH Section A
www.elsevier.com/locate/nima

Subject index

Accelerators, Beam Handling and Targets

An optimization study for the RHIC polarized jet target, T. Wise, M.A. Chapman, W. Haeberli, H. Kolster and P.A. Quin 556 (2005) 1

Reverse-bend FODO lattice applied to damping ring for SuperKEKB, M. Kikuchi 556 (2005) 13

Cryogenic target with very thin "gold finger" heat pipe, S. Abdel-Samad, M. Abdel-Bary, K. Kilian and J. Ritman 556 (2005) 20

Parasitic resonance in a solid-state pulsed power modulator, K. Koseki and Y. Shimosaki 556 (2005) 24

Purification of radioactive neutron-rich argon beams using an ion source in charge breeding mode, T. Fritioff, J. Cederkäll, L. Weissman, C. J. Barton, K. A. Connell, D. Duniec, O. Kester, T. Lamy, T. Nilsson, P. Jardin, P. Sortais and G. Tranströmer 556 (2005) 31

Conceptual design of the Cylindertron, a new electron accelerator, Y. Chen, W.H. Huang and C.X. Tang 556 (2005) 38

Comparison of non-linear effects from the electric field of several current distributions, V. Ziemann 556 (2005) 45

Femtosecond single electron bunch generation by rotating longitudinal bunch phase space in magnetic field, J. Yang, T. Kondoh, K. Kan, T. Kozawa, Y. Yoshida and S. Tagawa 556 (2005) 52

Determining beam parameters in a storage ring with a cylindrical hodoscope using elastic proton–proton scattering, H. Rohdjeß, D. Albers, J. Bisplinghoff, R. Bollmann, K. Büßer, O. Diehl, F. Dohrmann, H.-P. Engelhardt, P.D. Eversheim, M. Gasthuber, J. Greiff, A. Groß, R. Groß-Hardt, F. Hinterberger, M. Igelbrink, R. Langkau, R. Maier, F. Mosel, M. Müller, M. Münstermann, D. Prasuhn, P. von Rossen, H. Scheid, N. Schirm, F. Schwandt, W. Scobel, H.J. Trelle, A. Wellinghausen, W. Wiedmann, K. Woller and R. Ziegler 556 (2005) 57

Continuing study on the photoelectron and secondary electron yield of TiN coating and NEG (Ti–Zr–V) coating under intense photon irradiation at the KEKB positron ring, Y. Suetsugu, K. Kanazawa, K. Shibata and H. Hisamatsu 556 (2005) 399

A highly polarized hydrogen/deuterium internal gas target embedded in a toroidal magnetic spectrometer, D. Cheever, E. Ihloff, J. Kelsey, H. Kolster, N. Meitanis, R. Milner, A. Shinozaki, E. Tsentalovich, T. Zwart, V. Ziskin, Y. Xiao and C. Zhang 556 (2005) 410

New orbit correction method uniting global and local orbit corrections, N. Nakamura, H. Takaki, H. Sakai, M. Satoh, K. Harada and Y. Kamiya 556 (2005) 421

General coil-shape in superconducting quadrupole magnets for generating the perfect field, P.R. Sarma 556 (2005) 433

Developments in the design of a spectroscopic scanning electron microscope, A. Khursheed and M. Osterberg 556 (2005) 437

High Energy Physics Detectors

The large size straw drift chambers of the COMPASS experiment, V.N. Bychkov, N. Dedek, W. Dünnweber, M. Faessler, H. Fischer, J. Franz, R. Geyer, Yu.V. Gousakov, A. Grünemaier, F.H. Heinsius, C. Ilgner, I.M. Ivanchenko, G.D. Kekelidze, K. Königsmann, V.V. Livinski, V.M. Lysan, J. Marzec, D.A. Matveev, S.V. Mishin, V.V. Mialkovski, E.A. Novikov, V.D. Peshekhonov, K. Platzer, M. Sans, Th. Schmidt, V.I. Shokin, A.N. Sissakian, K.S. Viriasov, U. Wiedner, K. Zaremba, I.A. Zhukov, Yu.L. Zlobin and A. Zvyagin 556 (2005) 66

The OPERA film: New nuclear emulsion for large-scale, high-precision experiments, T. Nakamura, A. Ariga, T. Ban, T. Fukuda, T. Fukuda, T. Fujioka, T. Furukawa, K. Hamada, H. Hayashi, S. Hiramatsu, K. Hoshino, J. Kawada, N. Koike, M. Komatsu, H. Matsuoka, S. Miyamoto, K. Miyanishi, M. Miyanishi, K. Morishima, H. Nada, N. Naganawa, T. Nakano, K. Narita, M. Natsume, K. Niwa, N. Nonaka, B.D. Park, O. Sato, S. Takahashi, T. Toshito, T. Uetake, M. Nakamura, K. Kuwabara, S. Nishiyama, Y. Nonoyama and K. Kodama 556 (2005) 80

Pulseshape simulations for the SPD subdetector of LHCb, E. Aguiló, M. Calvo, O. Deschamps, Ll. Garrido, C. González, R. Graciani, E. Graugés, P. Perret and X. Vilasís 556 (2005) 87

doi:10.1016/S0168-9002(05)02452-6

Design and performance of LED calibration system prototype for the lead tungstate crystal calorimeter, V.A. Batarin, J. Butler, A.M. Davidenko, A.A. Derevschikov, Y.M. Goncharenko, V.N. Grishin, V.A. Kachanov, V.Y. Khodyrev, A.S. Konstantinov, V.A. Kormilitsin, V.I. Kravtsov, Y. Kubota, V.S. Lukanin, Y.A. Matulenko, Y.M. Melnick, A.P. Meschanin, N.E. Mikhalin, N.G. Minaev, V.V. Mochalov, D.A. Morozov, L.V. Nogach, A.V. Ryazantsev, P.A. Semenov, V.K. Semenov, K.E. Shestermanov, L.F. Soloviev, S. Stone, A.V. Uzunian, A.N. Vasiliev, A.E. Yakutin and J. Yarba 556 (2005) 94

Spatial resolution of double-sided silicon microstrip detectors for the PAMELA apparatus, S. Straulino, O. Adriani, L. Bonechi, M. Bongi, S. Bottai, G. Castellini, D. Fedele, M. Grandi, P. Papini, S.B. Ricciarini, P. Spillantini, F. Taccetti, E. Taddei and E. Vannuccini 556 (2005) 100

Simple acoustical technique for automated measurement of drift tube anode wire tension, M. Hosack and T. Coan 556 (2005) 115

The MINOS calibration detector, P. Adamson, G. Crone, L. Jenner, R. Nichol, R. Saakyan, C. Smith, J. Thomas, M. Kordosky, K. Lang, P. Vahle, A. Belias, T. Nicholls, G. Pearce, D. Petyt, M. Barker, A. Cabrera, J. Hartnell, P.S. Miyagawa, N. Tagg, A. Weber, E.F. Harris, P.G. Harris, R. Morse, P. Symes, D. Michael, P.J. Litchfield, R. Lee and S. Boyd 556 (2005) 119

A novel technique for the production of large area *Z*-coordinate readout planes for the *BABAR* muon system, M.R. Convery, P.C. Kim, H.P. Paar, C.H. Rogers, R.H. Schindler, S.K. Swain and C.C. Young 556 (2005) 134

Refractive index inhomogeneity within an aerogel block, T. Bellunato, M. Calvi, C.F. Da Silva Costa, C. Matteuzzi, M. Musy and D.L. Perego 556 (2005) 140

Characterization of ETL 9357FLA photomultiplier tubes for cryogenic temperature applications, A. Ankowski, M. Antonello, P. Aprili, F. Arneodo, A. Badertscher, B. Baiboussinov, M.B. Ceolin, G. Battistoni, P. Benetti, M. Bischofberger, A.B. di Tigliole, R. Brunetti, G. Bucciarelli, A. Bueno, E. Calligarich, F. Carbonara, M.C. Carmona, F. Cavanna, P. Cennini, S. Centro, A. Cesana, D.B. Cline, K. Cieślik, A.G. Cocco, Z. Dai, C. De Vecchi, A. Dąbrowska, A. Di Cicco, R. Dolfini, A. Ereditato, A. Ferella, A. Ferrari, G. Fiorillo, D. García-Gamez, Y. Ge, D. Gibin, A.G. Berzolari, I. Gil-Botella, K. Graczyk, L. Grandi, A. Guglielmi, J. Holeczek, C. Juszczak, D. Kiełczewska, J. Kisiel, T. Kozłowski, M. Laffranchi, J. Łagoda, B. Lisowski, J. Lozano, M. Markiewicz, A.M. de la Ossa, C. Matthey, F. Mauri, A.J. Melgarejo, A. Menegolli, G. Meng, M. Messina, C. Montanari, S. Muraro, S. Navas-Concha, J. Nowak, S. Otwinowski, O. Palamara, L. Periale, G. Piano Mortari, A. Piazzoli, P. Picchi, F. Pietropaolo, W. Półchłopek, M. Prata, M.C. Prata, P. Przewlocki, A. Rappoldi, G.L. Raselli, E. Rondio, M. Rossella, A. Rubbia, C. Rubbia, P.R. Sala, R. Santorelli, D. Scannicchio, E. Segreto, Y. Seo, F. Sergiampietri, J. Sobczyk, S. Stach, J. Stepaniak, R. Sulej, M. Szeptycka, M. Szarska, A. Szelc, M. Terrani, F. Varanini, S. Ventura, C. Vignoli, H. Wang, X. Yang and A. Zalewska 556 (2005) 146

Linearity analysis for position sensitive detectors using finite element method, M.-Z. Huang, R.-J. Shen, Y.-X. Wang and X.-M. Dou 556 (2005) 445

Radiation tolerance of epitaxial silicon detectors at very large proton fluences, G. Lindström, E. Fretwurst, F. Hönniger, G. Kramberger, M. Möller-Ivens, I. Pintilie and A. Schramm 556 (2005) 451

The CDF Run IIb Silicon Detector: Design, preproduction, and performance, T. Akimoto, M. Aoki, P. Azzi, N. Bacchetta, S. Behari, D. Benjamin, D. Bisello, G. Bolla, D. Bortoletto, A. Burghard, G. Busetto, S. Cabrera, A. Canepa, G. Cardoso, M. Chertok, C.I. Ciobanu, G. Derylo, I. Fang, E.J. Feng, J.P. Fernandez, B. Flaugher, J. Freeman, L. Galtieri, J. Galyardt, M. Garcia-Sciveres, G. Giurgiu, I. Gorelov, C. Haber, D. Hale, K. Hara, R. Harr, C. Hill, M. Hoeferkamp, J. Hoff, B. Holbrook, S.C. Hong, M. Hrycyk, T.H. Hsiung, J. Incandela, E.J. Jeon, K.K. Joo, T. Junk, H. Kahkola, S. Karjalainen, S. Kim, K. Kobayashi, D.J. Kong, B. Krieger, M. Kruse, N. Kuznetsova, S. Kyre, R. Lander, T. Landry, R. Lauhakangas, J. Lee, R.-S. Lu, P. Lujan, P. Lukens, E. Mandelli, C. Manea, P. Maksimovic, P. Merkel, S.N. Min, S. Moccia, I. Nakano, D. Naoumov, T. Nelson, B. Nord, J. Novak, T. Okusawa, R. Orava, Y. Orlov, K. Osterberg, D. Pantano, V. Pavlicek, D. Pellett, J. Pursley, P. Riipinen, B. Schuyler, S. Seidel, A. Shenai, A. Soha, D. Stuart, R. Tanaka, M. Tavi, H. Von der Lippe, J.-P. Walder, Z. Wang, P. Watje, M. Weber, W. Wester, K. Yamamoto, Y.C. Yang, W. Yao, W. Yao, R. Yarema, J.C. Yun, F. Zetti, T. Zimmerman, S. Zimmermann and S. Zucchelli 556 (2005) 459

Charge identification of highly ionizing particles in desensitized nuclear emulsion using high speed read-out system, T. Toshito, K. Kodama, K. Yusa, M. Ozaki, K. Amako, S. Kameoka, K. Murakami, T. Sasaki, S. Aoki, T. Ban, T. Fukuda, N. Naganawa, T. Nakamura, M. Natsume, K. Niwa, S. Takahashi, M. Kanazawa, N. Kanematsu, M. Komori, S. Sato, M. Asai, T. Koi, C. Fukushima, S. Ogawa, M. Shibasaki and H. Shibuya 556 (2005) 482

An electron-multiplying 'Micromegas' grid made in silicon wafer post-processing technology, M. Chefdeville, P. Colas, Y. Giomataris, H. van der Graaf, E.H.M. Heijne, S. van der Putten, C. Salm, J. Schmitz, S. Smits, J. Timmermans and J.L. Visschers 556 (2005) 490

Light multi-GEM detector for high-resolution tracking systems, A. Bondar, A. Buzulutskov, R. de Oliveira, L. Ropelewski, F. Sauli and L. Shekhtman 556 (2005) 495

High Energy Physics

Cold electronics for the liquid argon hadronic end-cap calorimeter of ATLAS, J. Ban, H. Brettel, W.D. Cwienk, J. Fent, L. Kurchaninov, E. Ladygin, H. Oberlack, P. Schacht, H. Stenzel and P. Strizenec 556 (2005) 158

Space Radiation and Underground Detectors

The IceCube prototype string in Amanda, M. Ackermann, J. Ahrens, X. Bai, M. Bartelt, S.W. Barwick, R. Bay, T. Becka, J.K. Becker, K.-H. Becker, E. Bernardini, D. Bertrand, D.J. Boersma, S. Böser, O. Botner, A. Bouchta, O. Bouhali, J. Braun, C. Burgess, T. Burgess, T. Castermans, W. Chinowsky, D. Chirkin, J. Conrad, J. Cooley, D.F. Cowen, A. Davour, C. De Clercq, T. DeYoung, P. Desiati, P. Ekström, T. Feser, M. Gaug, T.K. Gaisser, R. Ganugapati, H. Geenen, L. Gerhardt, A. Goldschmidt, A. Groß, A. Hallgren, F. Halzen, K. Hanson, R. Hardtke, T. Harenberg, T. Hauschildt, K. Helbing, M. Hellwig, P. Herquet, G.C. Hill, D. Hubert, B. Hughey, P.O. Hulth, K. Hultqvist, S. Hundertmark, J. Jacobsen, K.H. Kampert, A. Karle, J.L. Kelley, M. Kestel, G. Kohnen, L. Köpke, M. Kowalski, M. Krasberg, K. Kuehn, H. Leich, M. Leuthold, I. Liubarsky, J. Ludvig, J. Lundberg, J. Madsen, P. Marciniewski, H.S. Matis, C.P. McParland, T. Messarius, Y. Minaeva, P. Miočinović, R. Morse, K.S. Münich, R. Nahnhauer, J. Nam, T. Neunhöffer, P. Niessen, D.R. Nygren, H. Ögelman, Ph. Olbrechts, C. Pérez de los Heros, A.C. Pohl, R. Porrata, P.B. Price, G.T. Przybylski, K. Rawlins, E. Resconi, W. Rhode, M. Ribordy, S. Richter, S. Robbins, J. Rodriguez Martino, H.-G. Sander, S. Schlenstedt, D. Schneider, R. Schwarz, A. Silvestri, M. Solarz, J. Sopher, G.M. Spiczak, C. Spiering, M. Stamatikos, D. Steele, P. Steffen, R.G. Stokstad, K.-H. Sulanke, I. Taboada, L. Thollander, S. Tilav, W. Wagner, C. Walck, M. Walter, Y.-R. Wang, C. Wendt, C.H. Wiebusch, R. Wischnewski, H. Wissing, K. Woschnagg and G. Yodh 556 (2005) 169

Nuclear Spectroscopy

Polarisation sensitivity of the CLUSTER detector used in EUROBALL array, Ch. Droste, B. Czajkowska, Z. Marcinkowska, R.M. Lieder, T. Morek, T. Rząca-Urban and W. Gast 556 (2005) 182

Gamma, X-ray and Charged Particle Detectors

Study of $LaCl_3$:Ce light yield proportionality with a hybrid photomultiplier tube, C. D'Ambrosio, F. de Notaristefani, G. Hull, V.O. Cencelli and R. Pani 556 (2005) 187

Study of neutron sensitivity in CMS–RPC using MC simulation for two different setups, M. Jamil, J.T. Rhee, S. Hall, C. Chun and Y.J. Jeon 556 (2005) 192

Stable radiation-induced donor generation and its influence on the radiation tolerance of silicon diodes, I. Pintilie, M. Buda, E. Fretwurst, G. Lindström and J. Stahl 556 (2005) 197

A large signal analysis for transition edge sensors operating in electrothermal feedback, M. Razeti 556 (2005) 209

Detection of liquid xenon scintillation light with a silicon photomultiplier, E. Aprile, P. Cushman, K. Ni and P. Shagin 556 (2005) 215

Determination of ^{235}U enrichment with a large volume CZT detector, P. Mortreau and R. Berndt 556 (2005) 219

The AGILE anticoincidence detector, F. Perotti, M. Fiorini, S. Incorvaia, E. Mattaini and E. Sant'Ambrogio 556 (2005) 228

Optimised filtering for improved energy and position resolution in position-sensitive TES based X-ray detectors, S.J. Smith, C.H. Whitford and G.W. Fraser 556 (2005) 237

A new highly segmented start counter for the CLAS detector, Y.G. Sharabian, M. Battaglieri, V.D. Burkert, R. DeVita, L. Elouadrhiri, L. Guo, D. Kashy, V. Kubarovsky, G.S. Mutchler, M. Ostrick, M. Ripani, P. Rossi, A. Rottura, E. Pasyuk and D. Weygand 556 (2005) 246

Application of $PbWO_4$ crystal scintillators in experiment to search for 2β decay of ^{116}Cd, F.A. Danevich, A.Sh. Georgadze, V.V. Kobychev, B.N. Kropivyansky, S.S. Nagorny, A.S. Nikolaiko, D.V. Poda, V.I. Tretyak, I.M. Vyshnevskyi, S.S. Yurchenko, B.V. Grinyov, L.L. Nagornaya, E.N. Pirogov, V.D. Ryzhikov, V.B. Brudanin, Ts. Vylov, A. Fedorov, M. Korzhik, A. Lobko and O. Missevitch 556 (2005) 259

Characterisation of a Compton suppressed Clover detector for high energy gamma rays ($\leqslant$11 MeV), M.S. Sarkar, R. Kshetri, R. Raut, A. Mukherjee, M. Sinha, M. Ray, A. Goswami, S. Roy, P. Basu, H. Majumder, S. Bhattacharya and B. Dasmahapatra 556 (2005) 266

Two-phase argon and xenon avalanche detectors based on Gas Electron Multipliers, A. Bondar, A. Buzulutskov, A. Grebenuk, D. Pavlyuchenko, R. Snopkov and Y. Tikhonov 556 (2005) 273

Optical coupling between scintillators and standard CMOS detectors, J.G. Rocha, G. Minas and S. Lanceros-Mendez 556 (2005) 281

Optimization studies of a Compton suppression spectrometer using experimentally validated Monte Carlo simulations, W. Scates, J.K. Hartwell, R. Aryaeinejad and M.E. McIlwain 556 (2005) 498

Array element of a space-based synchrotron radiation detector, M.W. Lee, S.C. Commichau, G.N. Kim, D. Son and G.M. Viertel 556 (2005) 505

New analysis method for CCD X-ray data, T. Ishiwatari, G. Beer, A.M. Bragadireanu, M. Cargnelli, C. Curceanu (Petrascu), J.-P. Egger, H. Fuhrmann, C. Guaraldo, M. Iliescu, K. Itahashi, M. Iwasaki, P. Kienle, B. Lauss, V. Lucherini, L. Ludhova, J. Marton, F. Mulhauser, T. Ponta, L.A. Schaller, D.L. Sirghi, F. Sirghi, P. Strasser and J. Zmeskal 556 (2005) 509

The Ring Counter (RCo): A high resolution IC–Si–CsI(TL) device for heavy ion reaction studies at 10–30 MeV/A, A. Moroni, M. Bruno, L. Bardelli, S. Barlini, S. Brambilla, G. Casini, R. Cavaletti, M. Chiari, A. Cortesi, M. D'Agostino, J. De Sanctis, E.

Geraci, G. Giordano, A. Giussani, F. Gramegna, B. Guiot, V. Kravchuk, A. Lanchais, G.V. Margagliotti, A. Nannini, A. Ordine, S. Piantelli, G. Vannini and L. Vannucci 556 (2005) 516

Test and evaluation of new GEMs with an automatic scanner, U. Becker, B. Tamm and S. Hertel 556 (2005) 527

Development of 2 cm-square Hamamatsu avalanche photodiodes for high-resolution X-rays and γ-rays detection, R. Sato, J. Kataoka, Y. Kanai, Y. Ishikawa, N. Kawabata, T. Ikagawa, T. Saito, Y. Kuramoto and N. Kawai 556 (2005) 535

Calculation of "LS-curves" for coincidence summing corrections in gamma ray spectrometry, T. Vidmar and M. Korun 556 (2005) 543

Neutron Physics and Detectors

Development of a directional scintillating fiber detector for 14 MeV neutrons, J. Peel, N. Mascarenhas, W. Mengesha and D. Sunnarborg 556 (2005) 287

Thermal neutron capture cross-section measurements of ^{243}Am and ^{242}Pu using the new mini-INCA α- and γ-spectroscopy station, F. Marie, A. Letourneau, G. Fioni, O. Déruelle, Ch. Veyssière, H. Faust, P. Mutti, I. AlMahamid and B. Muhammad 556 (2005) 547

The theory of compact and efficient circular-pore MCP neutron collimators, A.S. Tremsin and W.B. Feller 556 (2005) 556

Data Aquisition and Control

A high-resolution, multi-stop, time-to-digital converter for nuclear time-of-flight measurements, D.F. Spencer, J. Cole, M. Drigert and R. Aryaeinejad 556 (2005) 291

Electronics

Novel pulse amplifying circuits based on transmission lines of different characteristic impedance, F. Belloni, D. Doria, A. Lorusso and V. Nassisi 556 (2005) 296

Development of an electronic board for a neutrino telescope project, A. Gabrielli, E. Gandolfi and P.P. Ricci 556 (2005) 302

TESLA cavity modeling and digital implementation in FPGA technology for control system development, T. Czarski, K.T. Pozniak, R.S. Romaniuk and S. Simrock 556 (2005) 565

Numerical and Data Analysis

Sifting data in the real world, M.M. Block 556 (2005) 308

Simultaneous least-squares treatment of statistical and systematic uncertainties, W.M. Sun 556 (2005) 325

Fission, Fusion, Spallation and Heavy Ions

Optimised non-invasive method to determine ^{238}U-captures-to-total-fissions in reactor fuel, U.C. Bergmann, R. Chawla, F. Jatuff and M.F. Murphy 556 (2005) 331

Gated multiple-sampling and tracking proportional chamber New detector system for nuclear astrophysical study with radioactive nuclear beams, T. Hashimoto, H. Ishiyama, T. Ishikawa, T. Kawamura, K. Nakai, Y.X. Watanabe, H. Miyatake, M.H. Tanaka, Y. Fuchi, N. Yoshikawa, S.C. Jeong, I. Katayama, T. Nomura, T. Furukawa, S. Mitsuoka, K. Nishio, M. Matsuda, H. Ikezoe, T. Fukuda, S.K. Das, P.K. Saha, Y. Mizoi, T. Komatsubara, M. Yamaguchi and Y. Tagishi 556 (2005) 339

Angular distribution of neutrons from heavy ion induced reactions in thick targets, M. Maiti, M. Nandy, S.N. Roy and P.K. Sarkar 556 (2005) 577

Synchrotron Radiation Research and Detectors

Harmonic undulator free electron laser and betatron oscillations, V. Gupta and G. Mishra 556 (2005) 350

X-ray imaging of a small electron beam in a low-emittance synchrotron light source, S. Takano, M. Masaki and H. Ohkuma. . . 556 (2005) 357

Design of a high-flux low-energy synchrotron radiation monochromator, G. Naletto, G. Tondello and R. Cimino 556 (2005) 371

Superconducting wiggler with semi-cold beam duct at Taiwan light source, C.-S. Hwang, C.-H. Chang, H.-H. Chen, F.-Y. Lin, T.-C. Fan, M.-H. Huang, J.-C. Jan, K.-T. Hsu, J. Chen, S.-N. Hsu, G.-Y. Hsiung, H.-P. Chang, C.-C. Kuo, Y.-C. Chien, F.-Z. Hsiao, J.-R. Chen and C.-T. Chen. 556 (2005) 607

Special Applications

Beam-hardening correction method based on original sinogram for X-CT, F. Jian and L. Hongnian 556 (2005) 379

The development and application of k_0-standardization method of neutron activation analysis at Es-Salam research reactor, L. Alghem, M. Ramdhane, S. Khaled and T. Akhal 556 (2005) 386

Picosecond pulse radiolysis using femtosecond white light with a high S/N spectrum acquisition system in one beam shot, A. Saeki, T. Kozawa and S. Tagawa 556 (2005) 391

Mechanical design of a single-axis monolithic accelerometer for advanced seismic attenuation systems, A. Bertolini, R. DeSalvo, F. Fidecaro, M. Francesconi, S. Marka, V. Sannibale, D. Simonetti, A. Takamori and H. Tariq 556 (2005) 616

Positron emission zone plate holography for particle tracking, O. Gundogdu 556 (2005) 624

Technical Notes

About the neutron yield from the p+^{13}C interaction at 30 MeV, P. Leleux, P. Lipnik, S. wa Kitwanga and J. Vanhorenbeeck . . . 556 (2005) 397

On pellet target luminosity modulation, V. Ziemann 556 (2005) 641

Medical Applications and Dosimetry

Radiation background and beam quality in secondary X-ray imaging for human angiography with Au as contrast agent, P.L. Csonka 556 (2005) 589

Errata

Erratum to: "Performance and results of the RICH detector for kaon physics in Hall A at Jefferson Lab" [Nucl. Instr. and Meth. A 553 (2005) 231–236], M. Iodice, E. Cisbani, S. Colilli, F. Cusanno, S. Frullani, R. Fratoni, F. Garibaldi, M. Gricia, M. Lucentini, L. Pierangeli, F. Santavenere, G.M. Urciuoli, P. Veneroni, G. De Cataldo, R. De Leo, D. Di Bari, L. Lagamba, E. Nappi, S. Marrone, B. Kross, J.J. LeRose, B. Reitz, J. Segal, C. Zorn and H. Breuer 556 (2005) 644

Erratum to: "Status of the Siberian Synchrotron Radiation Center" [Nucl. Instr. and Meth. A 543 (2005) 1], A.I. Ancharov, V.B. Baryshev, V.A. Chernov, A.N. Gentselev, B.G. Goldenberg, D.I. Kochubei, V.N. Korchuganov, G.N. Kulipanov, M.V. Kuzin, E.B. Levichev, N.A. Mezentsev, S.I. Mishnev, A.D. Nikolenko, V.E. Panchenko, V.F. Pindyurin, M.A. Sheromov, B.P. Tolochko, M.R. Sharafutdinov, A.N. Shmakov, N.A. Vinokurov, P.D. Vobly and K.V. Zolotarev 556 (2005) 645